



BUILDING AUTOMATION SYSTEMS

CATALOG PRICE LIST

THESE PRICES EFFECTIVE NOVEMBER 1, 2018Phone: 219/879-8000 | Fax: 219/872-9057
Email: orders@dwyermail.com | Web: dwyer-inst.com

| Dwyer Instruments, Inc. - Discount Schedule | | | |
|--|-------------------------------|-----------|------------|
| Note: | Industrial Discount Schedule* | | |
| | Quantity of Each Item | Discounts | |
| | | Standard | Schedule B |
| Each item (model, range, part number, etc.) is discounted independently. In an order for more than one item, different items cannot be combined to earn a greater discount. Most items are subject to STANDARD schedule at right. Prices followed by the symbol Ⓑ are subject to discounts per schedule B. Certain items such as repairs, repair parts, EXPL and WP housings, prices followed by the symbol Ⓝ, special scale and tag charges are priced at net and earn no discount. *Please contact us for discount schedules for other account types. | 1-24 | Net | Net |
| | 25-99 | 5% | Net |
| | 100-249 | 10% | 5% |
| | 250-499 | 15% | 10% |
| | 500-Up | 20% | 15% |

Dwyer Instruments, Inc. - Terms and Conditions of Sale - March 15, 2017

- Prices and Specifications** are subject to change without notice.
- Shipping dates** are approximate. They are dependent upon credit approval and subject to delays beyond our control.
- Terms:** Net 30 days to companies with established credit rating. In the event Buyer fails to fulfill previous terms of payment, or in case Seller shall have any doubt at any time as to Buyer's financial responsibility, Seller may decline to make further deliveries except upon receipt of cash in advance or other special arrangements.
- Point and Title:** All material is sold EXW Ex Works Dwyer Instruments, Inc. Title to all material sold shall pass to buyer upon delivery by Seller to carrier at shipping point.
- State and Local Taxes:** Any taxes which the Seller may be required to pay or collect upon or with respect to the sale, purchase, delivery, use or consumption of any of the material covered hereby shall be for the account of the Buyer and shall be added to the purchase price.
- Special tooling,** dies, silk screens and molds acquired specially to produce goods for Buyer remain the property of Dwyer Instruments, Inc., and may not be removed. They will be maintained in good condition for a minimum period of three years from the date of the original purchase order.
- Trade Compliance:** Buyer acknowledges that the products, software, and technology, including technical information and documents (collectively "Items"), of Dwyer Instruments, Inc., are subject to regulation by agencies of the U.S. government including, but not limited to, the U.S. Department of Commerce. Buyer shall comply with the Export Administration Regulations (EAR) and all applicable U.S. laws and regulations regarding the sale, delivery and transfer of said Items. Buyer shall not, without first obtaining the required licenses, authorizations or approvals from the appropriate U.S. government agency; (i) export, re-export, transfer or divert any Item directly or indirectly to any country or national resident thereof, or any person, entity or country that has restrictions imposed upon them by the U.S. government, (ii) engage in, or knowingly sell to any party engaged in activity related to the development, production, use, testing, or maintenance of Weapons of Mass Destruction, including uses related to nuclear, missile, chemical or biological warfare, or (iii) engage in, or knowingly sell to any party engaged in activity related to the development, production, use, or maintenance of any safeguarded or unsafeguarded nuclear fuel facility or components for such facilities. Buyer shall fully cooperate with Seller, without charge, in any official audit or inspection by an authorized agent, official, employee, or accredited representative of the U.S. government. Buyer shall indemnify and hold Seller harmless from, or in connection with, any violation of this Section by Buyer, its employees, consultants, agents, or customers. The obligations, requirements and claims described herein shall survive the expiration of any business relationship with Dwyer Instruments, Inc., including its divisions, subsidiaries and affiliated companies.
- Distribution:** Products sold to any entity located in the U.S. must remain in the U.S. unless a Global Distribution Agreement is in force with said entity. OEM's are excluded from this requirement. Those who violate this term are subject to a reduction of discount, loss of discount, or exclusion from purchasing future products. If you want to be a Global Distributor, please contact your Global Sales Manager in your region.
- Limited Warranty:** The Seller warrants all Dwyer instruments and equipment to be free from defects in workmanship or material under normal use and service for a period of one year from date of shipment. Products qualifying for an extended warranty period will have the extended warranty as expressly indicated on the catalog page, web page, IOM, or will be covered by a specific written agreement that is (i) approved by an officer of Dwyer Instruments, Inc. and (ii) defines the warranty period. If no express statement of extended warranty is made, then the standard 1 year warranty applies. The Extended Limited Warranty only applies to products manufactured after April 1, 2017. The Warranty period extends from the date of shipment to the initial customer and not the project installation date or use.

Specific warranty exclusions include, but are not limited to:

- Specific product components not covered by the extended warranty:
 - Humidity Sensors
 - Batteries
 - Electro-Chemical Gas Sensors
 - Snap Switches
 - Any component which exceed its normal life cycle
 - Other Specific items added as required.
- Normal or excessive wear and tear is not cause for warranty replacement.
- Products not properly maintained, operated, installed, or use in an application not suited for the product.
- Modifications, alterations, changes, or additions outside those which are required for normal operation.
- Failure to notify Dwyer of any defect within a reasonable time.
- Damage which the customer has not taken timely action to minimize or mitigate.
- Products on which the labels, markings, nameplates, etc. have been tampered with.
- Products which contain broken factory seals or have been tampered with shall void warranty.

Liability under this warranty is limited to repair or replacement EXW Ex Works Dwyer Instruments, Inc. of any parts which prove to be defective within that time or repayment of the purchase price at the Seller's option. All products must be returned to the Seller, transportation prepaid, unless other arrangements have been pre-approved by Seller. All technical advice, recommendations and services are based on technical data and information which the Seller believes to be reliable and are intended for use by persons having skill and knowledge of the business, at their own discretion. In no case is Seller liable beyond replacement of equipment EXW Ex Works Dwyer Instruments, Inc. or the full purchase price. This warranty does not apply if the maximum ratings label is removed or if the instrument or equipment is abused, altered, used at ratings above the maximum specified, or otherwise misused in any way.

THIS EXPRESS LIMITED WARRANTY IS IN LIEU OF AND EXCLUDES ALL OTHER REPRESENTATIONS MADE BY ADVERTISEMENTS OR BY AGENTS AND ALL OTHER WARRANTIES, BOTH EXPRESS AND IMPLIED. THERE ARE NO IMPLIED WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE FOR GOODS COVERED HEREUNDER.

- Buyer's Remedies:** THE BUYER'S EXCLUSIVE AND SOLE REMEDY ON ACCOUNT OF OR IN RESPECT TO THE FURNISHING OF NON-CONFORMING OR DEFECTIVE MATERIAL SHALL BE TO SECURE REPLACEMENT THEREOF AS AFORESAID. THE SELLER SHALL NOT IN ANY EVENT BE LIABLE FOR THE COST OF ANY LABOR EXPENDED ON ANY SUCH MATERIAL OR FOR ANY SPECIAL, DIRECT, INDIRECT, CONSEQUENTIAL OR INCIDENTAL DAMAGES TO ANYONE BY REASON OF THE FACT THAT IT SHALL HAVE BEEN NON-CONFORMING OR DEFECTIVE.
- Acceptance:** All orders shall be subject to the terms and conditions contained or referred to in the Seller's quotation, acknowledgment, and to those listed here and to no others whatsoever. By placing an order you accept our terms and conditions. No waiver, alteration or modification of these terms and conditions shall be binding unless in writing and signed by an executive officer of the Seller. All orders are subject to written acceptance by Dwyer Instruments, Inc., Michigan City, Indiana, U.S.A.

MAGNESENSE® II DIFFERENTIAL PRESSURE TRANSMITTER

Monitors Pressure, Air Velocity and Air Flow, BACnet or Modbus® Communications

| MODEL CHART | | | | | |
|-------------|----------------------------|----------------------------|--------------------------|------------------------------|---------|
| Model | in w.c. | Pa | mm w.c. | kPa | Price |
| MS2-W101 | 0.10, 0.15, 0.25, 0.50 | 25, 40, 50, 125 | 2.5, 4, 6, 10 | 0.025, 0.04, 0.05, 0.125 | \$91.00 |
| MS2-W111 | ±0.10, ±0.15, ±0.25, ±0.50 | ±25, ±40, ±50, ±125 | ±2.5, ±4, ±6, ±10 | ±0.025, ±0.04, ±0.05, ±0.125 | 106.00 |
| MS2-W102 | 1, 2, 3, 5 | 250, 500, 750, 1250 | 25, 50, 75, 125 | 0.25, 0.5, 0.75, 1.25 | 91.00 |
| MS2-W112 | ±1, ±2, ±3, ±5 | ±250, ±500, ±750, ±1250 | ±25, ±50, ±75, ±125 | ±0.25, ±0.5, ±0.75, ±1.25 | 98.00 |
| MS2-W103 | 10, 15, 25, 28 | 2500, 3500, 5000, 6975 | 250, 350, 500, 697.5 | 2.5, 3.5, 5.0, 6.975 | 98.00 |
| | ±10, ±15, ±25, ±28 | ±2500, ±3500, ±5000, ±6975 | ±250, ±350, ±500, ±697.5 | ±2.5, ±3.5, ±5.0, ±6.975 | |

Note: For duct mount static probe change W to D and **+\$20.50**. **Example:** MS2-D101
For DIN rail mounting change W to N and **+\$5.00**. **Example:** MS2-N101

| OPTIONS | | |
|-------------------------------|--|-----------------|
| To order add suffix: | Description | Price |
| -LCD | Units with display | +\$36.50 |
| Example: MS2-W101-LCD | | |
| -BC | BACnet Communications | +75.00 |
| Example: MS2-W101-BC | | |
| -MC | Modbus® Communications | +75.00 |
| Example: MS2-W101-MC | | |
| -NIST | NIST traceable calibration certificate | +139.00 |
| Example: MS2-W101-NIST | | |
| -FC | Factory calibration certificate | +30.00 |
| Example: MS2-W101-FC | | |

| ACCESSORIES | | |
|-------------|---|----------------------------|
| Model | Description | Price |
| A-151 | Cable gland for 5 to 10 mm diameter cable | +\$2.50[ⓑ] |
| A-MS2-LCD | Field upgradeable display | 36.25 |
| A-435-A | Remote display tool | 67.00 |
| A-480 | Plastic static pressure tip | 0.80 |
| A-481 | Installer kit; includes 2 plastic static pressure tips and 7 ft (2.1 m) of PVC tubing | 4.25 |
| A-489 | 4" 303 SS straight static pressure tip with flange | 6.67 |
| A-302F-A | 4" 303 SS static pressure tip with mounting flange; for 3/16" ID rubber or plastic tubing | 9.20 |
| SCD-PS | 100 to 240 VAC/VDC to 24 VDC power supply | 30.00[ⓑ] |

[ⓑ] Items are subject to Schedule B discounts.

SERIES MS

CATALOG PAGE 2

MAGNESENSE® DIFFERENTIAL PRESSURE TRANSMITTER

Monitors Pressure and Air Velocity

| MODEL CHART | | | |
|-------------|------------|---|----------------|
| Model | Output | Selectable Ranges | Price |
| MS-121* | 4 to 20 mA | 0.1 in, 0.25 in, 0.5 in w.c. (25, 50, 100 Pa) | \$86.00 |
| MS-321* | 0 to 10 V | 0.1 in, 0.25 in, 0.5 in w.c. (25, 50, 100 Pa) | 86.00 |
| MS-721* | 0 to 5 V | 0.1 in, 0.25 in, 0.5 in w.c. (25, 50, 100 Pa) | 86.00 |
| MS-111* | 4 to 20 mA | 1 in, 2 in, 5 in w.c. (250, 500, 1250 Pa) | 86.00 |
| MS-311* | 0 to 10 V | 1 in, 2 in, 5 in w.c. (250, 500, 1250 Pa) | 86.00 |
| MS-711* | 0 to 5 V | 1 in, 2 in, 5 in w.c. (250, 500, 1250 Pa) | 86.00 |
| MS-131 | 4 to 20 mA | 10 in w.c. (2 kPa) | 93.50 |
| MS-141 | 4 to 20 mA | 15 in w.c. (3 kPa) | 93.50 |
| MS-151 | 4 to 20 mA | 25 in w.c. (5 kPa) | 93.50 |
| MS-331 | 0 to 10 V | 10 in w.c. (2 kPa) | 93.50 |
| MS-341 | 0 to 10 V | 15 in w.c. (3 kPa) | 93.50 |
| MS-351 | 0 to 10 V | 25 in w.c. (5 kPa) | 93.50 |
| MS-021 | 4 to 20 mA | ±0.1 in, 0.25 in, 0.5 in w.c. (±25, 50, 100 Pa) | 102.00 |
| MS-221 | 0 to 10 V | ±0.1 in, 0.25 in, 0.5 in w.c. (±25, 50, 100 Pa) | 102.00 |
| MS-621 | 0 to 5 V | ±0.1 in, 0.25 in, 0.5 in w.c. (±25, 50, 100 Pa) | 102.00 |

***Note:** For duct mount static pressure probe, change last digit from 1 to 2 and **+\$21.00**. **Example:** MS-122

| ACCESSORIES | | |
|-------------|--|--------------------------|
| Model | Description | Price |
| A-435 | Field upgradeable LCD | \$50.00 |
| A-480 | Plastic static pressure tip | 0.80 |
| A-481 | Installer kit. Includes 2 plastic static pressure tips and 7 ft (2.1 m) of PVC tubing | 4.25 |
| A-489 | 4" straight static pressure tip with flange | 6.67 |
| A-302F-A | 303 SS Static Pressure Tip with mounting flange. For 3/16" ID rubber or plastic tubing. 4" insertion depth. Includes mounting screws | 9.20 |
| SCD-PS | 100 to 240 VAC/VDC to 24 VDC Power supply | 30.00[ⓑ] |

[ⓑ] Items are subject to Schedule B discounts.

| OPTIONS | | |
|-----------------------------|--|-----------------|
| To order add suffix: | Description | Price |
| -LCD | Units with display | +\$36.50 |
| Example: MS-121-LCD | | |
| -NIST | NIST traceable calibration certificate | +139.00 |
| Example: MS-021-NIST | | |
| -FC | Factory calibration certificate | +30.00 |
| Example: MS-021-FC | | |

DIFFERENTIAL PRESSURE TRANSMITTER ± 0.25 , ± 1 , OR $\pm 2\%$ ACCURACY

| MODEL CHART | | | | | | |
|---|-------|----|-----|------|--|----------|
| Example | 616KD | -A | -12 | -AT | 616KD-A-12-AT | Price |
| Series | 616KD | | | | Differential pressure transmitter | - |
| Accuracy | | A | | | 0.25% full-scale accuracy | \$129.00 |
| | | B | | | 1.0% full-scale accuracy | 81.50 |
| | | | | | 2.0% full-scale accuracy | 70.50 |
| Range | | | 00 | | 0 to 1 in w.c. | - |
| | | | 01 | | 0 to 2 in w.c. | - |
| | | | 02 | | 0 to 3 in w.c. | - |
| | | | 03 | | 0 to 5 in w.c. | - |
| | | | 04 | | 0 to 10 in w.c. | - |
| | | | 05 | | 0 to 15 in w.c. | - |
| | | | 06 | | 0 to 20 in w.c. | - |
| | | | 07 | | 0 to 25 in w.c. | - |
| | | | 08 | | 0 to 40 in w.c. | - |
| | | | 10 | | 0 to 250 Pa | - |
| | | | 11 | | 0 to 500 Pa | - |
| | | | 12 | | 0 to 750 Pa | - |
| | | | 13 | | 0 to 1250 Pa | - |
| | | | 14 | | 0 to 2500 Pa | - |
| | | | 15 | | 0 to 5000 Pa | - |
| | | | 50 | | 0 to ±1 in w.c. | - |
| | | | 51 | | 0 to ±2 in w.c. | - |
| | | | 57 | | 0 to ±3 in w.c. | - |
| | | | 52 | | 0 to ±5 in w.c. | - |
| | | | 53 | | 0 to ±10 in w.c. | - |
| | | | 54 | | 0 to ±250 Pa | - |
| | | | 55 | | 0 to ±500 Pa | - |
| | | | 56 | | 0 to ±750 Pa | - |
| | | | 58 | | 0 to ±1250 Pa | - |
| Options | | | | AT | Aluminum tag | +14.25 |
| | | | | FC | Factory calibration | +30.00 |
| | | | | NIST | NIST certification | +139.00 |
| | | | | TC | Terminal cover | - |
| | | | | V | Voltage output 0 to 5, 1 to 5, 0 to 10, 2 to 10 VDC (field selectable) | - |
| | | | | N | 1/8" female NPT | +15.00 |
| Note: 0.25% FS accuracy is not available in the following ranges 00. 01. 10. 11. 50. 51. 54. 55 | | | | | | |

Note: 0.25% FS accuracy is not available in the following ranges 00, 01, 10, 11, 50, 51, 54, 55

| ACCESSORIES | | |
|-------------|-------------------------|--------|
| Model | Description | Price |
| A-360 | Aluminum DIN rail 1 m | \$8.60 |
| A-618 | Protective terminal cap | 1.00 |

DIFFERENTIAL PRESSURE TRANSMITTER - LOW RANGES

| MODEL CHART | | | | | | | | |
|--------------------|----------|-------------|--|--------|----------------------|-------------------------------|--|---|
| Example | 616KD-LR | -A | 34 | -B | D1 | -FC | 616KD-LR-A34-BD1-FC | Price |
| Series | 616KD-LR | | | | | | Differential pressure transmitter | - |
| Accuracy | | A B D | | | | | 0.25% FS accuracy 1.0% FS accuracy 0.5% FS accuracy | \$134.00 88.00 105.00 |
| Range | | | 31 32 34 35 41 42 44 45 61 62 64 65 71 72 74 75 | B N | | | 0 to 0.1 in w.c. ① 0 to 0.25 in w.c. ② 0 to 0.4 in w.c. 0 to 0.5 in w.c. 0 to ±0.1 in w.c. ① 0 to ±0.25 in w.c. ② 0 to ±0.4 in w.c. 0 to ±0.5 in w.c. 25 Pa① 60 Pa② 100 Pa 125 Pa 0 to ±25 Pa① 0 to ±60 Pa② 0 to ±100 Pa 0 to ±125 Pa | - - - - - - - - - - - - - - - - - |
| Process Connection | | | | B N | | | Plastic barb 1/8" female NPT with front push-button | - +15.00 |
| Output | | | | | D1 D2 D3 D4 | | 4 to 20 mA and 0 to 10 V 4 to 20 mA and 0 to 5 V 4 to 20 mA and 2 to 10 V 4 to 20 mA and 1 to 5 V | - - - - |
| Options | | | | | | AT COC FC NIST TC | Aluminum tag Certificate of Conformance Factory Calibration Certificate NIST Traceable Calibration Certificate Terminal cover | +14.25 - +30.00 +139.00 +1.00 |

①B accuracy only. ②B and D accuracies only.

①B accuracy only. ②B and D accuracies only.

| ACCESSORIES | | |
|-------------|-------------------------|--------|
| Model | Description | Price |
| A-360 | Aluminum DIN rail 1 m | \$8.60 |
| A-618 | Protective terminal cap | 1.00 |

COMPACT DIFFERENTIAL PRESSURE TRANSMITTER

Ranges from 0.1 to 100 in w.c., Overpressure Protection to 15 psig, $\pm 0.8\%$ Accuracy

| MODEL CHART | | | | | |
|--------------------------------|-----|----|-----|----|---|
| Example | 668 | B | -08 | -1 | 668B-08-1 |
| Series | 668 | | | | Compact differential pressure transmitter |
| Connection | | B | | | Front |
| | | D | | | Bottom |
| Unidirectional Pressure Ranges | | | | | |
| | | 01 | | | 0 to 0.1 in w.c. |
| | | 21 | | | 0 to 0.2 in w.c. |
| | | 02 | | | 0 to 0.25 in w.c. |
| | | 22 | | | 0 to 0.4 in w.c. |
| | | 03 | | | 0 to 0.5 in w.c. |
| | | 04 | | | 0 to 1 in w.c. |
| | | 05 | | | 0 to 2.5 in w.c. |
| | | 06 | | | 0 to 5 in w.c. |
| | | 07 | | | 0 to 10 in w.c. |
| | | 08 | | | 0 to 25 in w.c. |
| | | 09 | | | 0 to 50 in w.c. |
| | | 10 | | | 0 to 100 in w.c. |
| | | 12 | | | 0 to ± 0.1 in w.c. |
| | | 13 | | | 0 to ± 0.25 in w.c. |
| | | 14 | | | 0 to ± 0.5 in w.c. |
| | | 15 | | | 0 to ± 1 in w.c. |
| | | 16 | | | 0 to ± 2.5 in w.c. |
| | | 17 | | | 0 to ± 5 in w.c. |
| | | 18 | | | 0 to ± 10 in w.c. |
| | | 19 | | | 0 to ± 25 in w.c. |
| Output | | | | | |
| | | | | 1 | 4 to 20 mA |
| | | | | 2 | 0 to 10 VDC |
| | | | | 3 | 0 to 5 VDC |

| ACCESSORIES | | |
|-------------|---------------------------------------|-----------------------|
| Model | Description | Price |
| A-TC | Replacement protective terminal cover | \$1.50 ^(N) |

^(N) Items are net priced and are not subject to any discount.

| OPTIONS | | |
|-----------------|--|----------|
| Use order code: | Description | Price |
| NISTCAL-PT1 | NIST traceable calibration certificate | \$139.00 |

SERIES 616W

CATALOG PAGE 6

DIFFERENTIAL PRESSURE TRANSMITTER

NEMA 4X Enclosure, 0.25% FS Accuracy

| MODEL CHART | | | |
|--------------|-----------------------|---------------|----------|
| Model | Range | Max. Pressure | Price |
| 616W-2-LCD | 0 to 6 in w.c. | 10 psig | \$328.50 |
| 616W-3-LCD | 0 to 10 in w.c. | 10 psig | 328.50 |
| 616W-4-LCD | 0 to 20 in w.c. | 20 psig | 328.50 |
| 616W-5-LCD | 0 to 40 in w.c. | 20 psig | 328.50 |
| 616W-6-LCD | 0 to 100 in w.c. | 15 psig | 328.50 |
| 616W-7-LCD | 0 to 200 in w.c. | 45 psig | 328.50 |
| 616W-20B-LCD | 0 to ± 10 in w.c. | 10 psig | 328.50 |
| 616W-3M-LCD | 0 to 2.5 kPa | 68.9 kPa | 328.50 |

Note: Units with "M" in the model number are metric units.

| OPTIONS | | |
|----------------------|--|----------|
| To order add suffix: | Description | Price |
| -NIST | NIST traceable calibration certificate | \$139.00 |

Example: 616W-3-LCD-NIST

SERIES 616WL

CATALOG PAGE 6

DIFFERENTIAL PRESSURE TRANSMITTER

Low Ranges Down to 0.25 in w.c. (60 Pa), NEMA 4X Housing (IP66)

| MODEL CHART | | | |
|--------------|-------------------------|---------------|----------|
| Model | Range | Max. Pressure | Price |
| 616WL-2-LCD | 0 to 0.25 in w.c. | 2 psig | \$521.50 |
| 616WL-4-LCD | 0 to 1 in w.c. | 4 psig | 494.50 |
| 616WL-12-LCD | 0 to ± 0.25 in w.c. | 2 psig | 521.50 |
| 616WL-14-LCD | 0 to ± 1 in w.c. | 4 psig | 494.50 |
| 616WL-22-LCD | 0 to 60 Pa | 2 psig | 521.50 |
| 616WL-32-LCD | 0 to ± 60 Pa | 2 psig | 521.50 |
| 616WL-25-LCD | 0 to 250 Pa | 4 psig | 494.50 |
| 616WL-35-LCD | 0 to ± 250 Pa | 4 psig | 494.50 |

| OPTIONS | | |
|----------------------|--|----------|
| To order add suffix: | Description | Price |
| -NIST | NIST traceable calibration certificate | \$139.00 |

Example: 616WL-4-LCD-NIST

MAGNEHELIC® DIFFERENTIAL PRESSURE INDICATING TRANSMITTER

Same Size as Standard Magnehelic® Differential Pressure Gage

| MODEL CHART | | | | | |
|-------------|---------------|-------------------|------------------------|------------------------|----------|
| Model | Range in w.c. | Maximum Pressure | Electrical Accuracy ±% | Mechanical Accuracy ±% | Price |
| 605-00N | 0.05-0-0.2 | 25 psi (1.7 bar) | 4 | 4 | \$315.00 |
| 605-11 | 0 to ±.25 | 25 psi (1.7 bar) | 2 | 3 | 315.00 |
| 605-0 | 0 to .50 | 25 psi (1.7 bar) | 2 | 3 | 274.00 |
| 605-1 | 0 to 1.0 | 25 psi (1.7 bar) | 2 | 2 | 274.00 |
| 605-2 | 0 to 2.0 | 2 psi (13.79 kPa) | 0.5 | 2 | 274.00 |
| 605-3 | 0 to 3.0 | 2 psi (13.79 kPa) | 0.5 | 2 | 274.00 |
| 605-6 | 0 to 6.0 | 2 psi (13.79 kPa) | 0.5 | 2 | 274.00 |
| 605-10 | 0 to 10 | 2 psi (13.79 kPa) | 0.5 | 2 | 274.00 |
| 605-20 | 0 to 20.0 | 11 psi (75.8 kPa) | 0.5 | 2 | 274.00 |
| 605-30 | 0 to 30 | 11 psi (75.8 kPa) | 0.5 | 2 | 274.00 |
| 605-50 | 0 to 50 | 11 psi (75.8 kPa) | 0.5 | 2 | 274.00 |
| Model | Range in Pa | Maximum Pressure | Electrical Accuracy ±% | Mechanical Accuracy ±% | Price |
| 605-12 | 0 to ±60 | 25 psi (1.7 bar) | 4 | 4 | \$315.00 |
| 605-13 | 0 to ±100 | 25 psi (1.7 bar) | 2 | 2 | 315.00 |
| 605-60PA | 0 to 60 | 25 psi (1.7 bar) | 2 | 4 | 315.00 |
| 605-125PA | 0 to 125 | 25 psi (1.7 bar) | 2 | 3 | 274.00 |
| 605-250PA | 0 to 250 | 25 psi (1.7 bar) | 2 | 2 | 274.00 |
| 605-500PA | 0 to 500 | 2 psi (13.79 kPa) | 0.5 | 2 | 274.00 |

| ACCESSORIES | | |
|-------------|---|---------|
| Model | Description | Price |
| A-298 | Flat aluminum bracket for flush mounting | \$28.25 |
| A-370 | Mounting bracket; flush mount Series 605 transmitter in bracket; bracket is then surface mounted; steel with gray hammertone epoxy finish | 34.25 |

| OPTIONS | | |
|----------------------|---|-----------|
| To order add suffix: | Description | Price |
| -SS | 304 brushed stainless steel bezel. *Backward compatible with standard Magnehelic® gage installation diameter | + \$33.00 |
| Example: 605-3-SS | | |
| -NIST | NIST traceable calibration certificate | 139.00 |
| Example: 605-3-NIST | | |

SERIES DM-2000

DIFFERENTIAL PRESSURE TRANSMITTER

Same Size as Standard Magnehelic® Differential Pressure Gage

| MODEL CHART | | | | | | | |
|-------------|-----------------|-------------|-------------|-------------|-------|------|----------|
| Model | Range (in w.c.) | Pa | mm w.c. | mBar | kPa | psi | Price |
| DM-2001-LCD | 0 to .100 | 24.9 | 2.54 | .249 | - | - | \$109.50 |
| DM-2002-LCD | 0 to .250 | 62.2 | 6.35 | .622 | - | - | 109.50 |
| DM-2003-LCD | 0 to .500 | 124.3 | 12.70 | 1.243 | .124 | - | 109.50 |
| DM-2004-LCD | 0 to 1.000 | 249 | 25.4 | 2.49 | .249 | - | 109.50 |
| DM-2005-LCD | 0 to 2.00 | 497 | 50.8 | 4.97 | .497 | - | 109.50 |
| DM-2006-LCD | 0 to 3.00 | 746 | 76.2 | 7.46 | .746 | .108 | 109.50 |
| DM-2007-LCD | 0 to 5.00 | 1243 | 127.0 | 12.43 | 1.243 | .180 | 109.50 |
| DM-2012-LCD | 0 to ±.250 | 0 to ±62.2 | 0 to ±6.35 | 0 to ±.622 | - | - | 116.50 |
| DM-2013-LCD | 0 to ±.500 | 0 to ±124.3 | 0 to ±12.70 | 0 to ±1.243 | - | - | 116.50 |
| DM-2019-LCD | 0 to ±.200 | 49.8 | 5.08 | .498 | - | - | 109.50 |

Note: For white overlay change -20 to -21. Example: DM-2102-LCD

| OPTIONS | | |
|---------------------------|--|----------|
| To order add suffix: | Description | Price |
| -NIST | NIST traceable calibration certificate | \$139.00 |
| Example: DM-2002-LCD-NIST | | |
| -FC | Factory calibration certificate | 30.00 |
| Example: DM-2002-LCD-FC | | |

| ACCESSORIES | | |
|-------------|--|---------------------|
| Model | Description | Price |
| A-299 | Surface mounting bracket | \$31.50 |
| A-300 | Flat flush mounting bracket | 27.25 |
| A-302F-A | 303 SS static pressure tip with mounting flange; for 3/16" ID rubber or plastic tubing; 4" insertion depth; includes mounting screws | 9.20 |
| A-320-A | Instrument enclosure | 169.00 [ⓑ] |
| A-489 | 4" straight static pressure tip with flange | 6.67 |
| SCD-PS | 100 to 240 VAC/VDC to 24 VDC power supply | 30.00 [ⓑ] |

[ⓑ] Items are subject to Schedule B discounts.

LOW RANGE DIFFERENTIAL PRESSURE TRANSMITTER

±0.25% or ± 0.5% Full Scale Accuracy, Ranges from 0 to 0.1 in w.c.

| MODEL CHART | | | | | |
|-------------|-----------------|-------------------------|---------|-----------------|-------------------------|
| Model | Range (in w.c.) | Price | Model | Range (in w.c.) | Price |
| 607-0 | 0 to .10 | \$609.00 ^(B) | 607-71* | 0 to 5.0 | \$719.00 ^(B) |
| 607-01* | 0 to .10 | 722.00 ^(B) | 607-8 | 0 to 10 | 483.00 ^(B) |
| 607-1 | 0 to .25 | 537.00 ^(B) | 607-0B | 0 to ±.10 | 554.00 ^(B) |
| 607-11* | 0 to .25 | 818.00 ^(B) | 607-1B | 0 to ±.25 | 553.00 ^(B) |
| 607-2 | 0 to .50 | 521.00 ^(B) | 607-2B | 0 to ±.50 | 521.00 ^(B) |
| 607-21* | 0 to .50 | 780.00 ^(B) | 607-9 | 0 to 25 | 483.00 ^(B) |
| 607-3 | 0 to 1.0 | 483.00 ^(B) | 607-3B | 0 to ±1.0 | 483.00 ^(B) |
| 607-4 | 0 to 2.0 | 483.00 ^(B) | 607-4B | 0 to ±2.0 | 534.00 ^(B) |
| 607-7 | 0 to 5.0 | 483.00 ^(B) | 607-7B | 0 to ±5.0 | 480.00 ^(B) |

*Models have a ±0.25% FS accuracy.

^(B) Items are subject to Schedule B discounts.

| ACCESSORIES | | |
|-------------|--|--------|
| Model | Description | Price |
| A-302F-A | 303 SS static pressure tip with mounting flange; for 3/16" ID rubber or plastic tubing; 4" insertion depth; includes mounting screws | \$9.20 |

| OPTIONS | | |
|-----------------|--|----------|
| Use order code: | Description | Price |
| NISTCAL-PT1 | NIST traceable calibration certificate | \$139.00 |

SERIES RSM

CATALOG PAGE 9

ROOM STATUS MONITOR

For Sensing Low Pressure Using High Accuracy

| MODEL CHART | | | | | |
|-------------|-----------------|--------------------------|---------|-----------------|--------------------------|
| Model* | Operating Range | Price | Model** | Operating Range | Price |
| RSM-1-A | ±0.05 in w.c. | \$1075.00 ^(N) | RSM-1-B | ±0.05 in w.c. | \$1075.00 ^(N) |
| RSM-2-A | ±0.1 in w.c. | 1075.00 ^(N) | RSM-2-B | ±0.1 in w.c. | 1075.00 ^(N) |
| RSM-3-A | ±0.25 in w.c. | 1075.00 ^(N) | RSM-3-B | ±0.25 in w.c. | 1075.00 ^(N) |
| RSM-4-A | ±0.5 in w.c. | 1075.00 ^(N) | RSM-4-B | ±0.5 in w.c. | 1075.00 ^(N) |
| RSM-5-A | ±1 in w.c. | 1075.00 ^(N) | RSM-5-B | ±1 in w.c. | 1075.00 ^(N) |
| RSM-6-A | ±2.5 in w.c. | 1075.00 ^(N) | RSM-6-B | ±2.5 in w.c. | 1075.00 ^(N) |

*Excitation/Output: 24 VAC/4 to 20 mA or 0 to 5 or 0 to 10 VDC.

**Excitation/Output: 120 VAC/4 to 20 mA or 0 to 5 or 0 to 10 VDC.

Note: For optional BACnet communication change end from -A to -C for 24 VAC power or from -B to -D for 120 VAC power models.

^(N) Items are net priced and are not subject to any discount.

| ACCESSORIES | | |
|-------------|--|-------------------------|
| Model | Excitation/Output | Price |
| A-285 | Remote alarm annunciator with visible/audible alarm and acknowledge switch | \$211.00 ^(N) |

^(N) Items are net priced and are not subject to any discount.

SERIES DH3

CATALOG PAGE 10

DIGIHELIC® 3 DIFFERENTIAL PRESSURE CONTROLLER

DigiHelic® Controller in PhotoHelic® Gage, Square Root Output for Flow

| MODEL CHART | | | | | |
|-------------|-------------------|----------|----------|--------------------|----------|
| Model | Ranges | Price | Model | Ranges | Price |
| DH3-002 | 0 to 0.25 in w.c. | \$366.00 | *DH3-010 | 0 to 50 in w.c. | \$298.00 |
| DH3-003 | 0 to 0.5 in w.c. | 298.00 | *DH3-011 | 0 to 100 in w.c. | 298.00 |
| DH3-004 | 0 to 1 in w.c. | 298.00 | *DH3-013 | 0 to ±0.25 in w.c. | 366.00 |
| DH3-005 | 0 to 2.5 in w.c. | 298.00 | *DH3-014 | 0 to ±0.5 in w.c. | 298.00 |
| DH3-006 | 0 to 5 in w.c. | 298.00 | *DH3-015 | 0 to ±1 in w.c. | 298.00 |
| DH3-007 | 0 to 10 in w.c. | 298.00 | *DH3-016 | 0 to ±2.5 in w.c. | 298.00 |
| DH3-009 | 0 to 25 in w.c. | 298.00 | *DH3-017 | 0 to ±5 in w.c. | 298.00 |
| | | | *DH3-018 | 0 to ±10 in w.c. | 298.00 |

*Velocity and volumetric flow not available on bi-directional range units and models DH3-010 and DH3-011.

| ACCESSORIES | | |
|-------------|--|---------|
| Model | Description | Price |
| A-298 | Flat aluminum bracket for flush mounting | \$28.25 |
| A-301 | Static pressure tip for 1/4" metal tubing connection | 9.90 |
| A-302 | Static pressure tip for 3/16" and 1/8" I.D. plastic or rubber tubing | 9.10 |
| A-302F-A | 303 SS static pressure tip with mounting flange; for 3/16" ID rubber or plastic tubing; 4" insertion depth; includes mounting screws | 9.20 |
| A-370 | Mounting bracket flush mount bracket; bracket is then surface mounted; steel with gray hammertone epoxy finish | 34.25 |
| A-489 | 4" straight static pressure tip with flange | 6.67 |

| OPTIONS | | |
|-----------------------|---|----------|
| To order add suffix: | Description | Price |
| -SS | 304 brushed stainless steel bezel. *Backward compatible with standard MagneHelic® gage installation diameter | +\$33.00 |
| Example: DH3-004-SS | | |
| -NIST | NIST traceable calibration certificate | 139.00 |
| Example: DH3-004-NIST | | |
| -FC | Factory calibration certificate | 30.00 |
| Example: DH3-004-FC | | |

HVAC DIFFERENTIAL PRESSURE SWITCH

With Dual Scale Field Adjustable Set Point Knob

| MODEL CHART - ADPS | | | | |
|--------------------|------------------------------|--|---|---------|
| Model | Set Point Range in w.c. (Pa) | Approx. Dead Band @ Min Set Point in w.c. (Pa) | Approx. Deadband @ Max Set Point in w.c. (Pa) | Price |
| ADPS-08-2-N | 0.08 to 1.20 (20-300) | 0.04 (10) | 0.05 (12) | \$22.25 |
| ADPS-04-2-N | 0.12 to 1.60 (30-400) | 0.06 (15) | 0.09 (23) | 22.25 |
| ADPS-03-2-N | 0.20 to 2.00 (50-500) | 0.08 (20) | 0.09 (23) | 22.25 |
| ADPS-05-2-N | 0.80 to 4.00 (200-1000) | 0.4 (100) | 0.5 (130) | 22.25 |
| ADPS-06-2-N | 2.00 to 10.00 (500-2500) | 0.6 (150) | 0.8 (200) | 22.25 |
| ADPS-07-2-N | 4.00 to 20.00 (1000-5000) | 1.0 (250) | 1.4 (350) | 22.25 |

Note: For optional 1/2" NPT conduit connection, change -2-N to -1-N. Models that include installer kit add -C to the end of the model number (-2-N cable gland models only). Installer kit includes two static tips and 7 ft of PVC tubing. Order installer kit separately with 1/2" NPT conduit connection models. See A-481 in the accessories list. Consult factory for bulk packaging option.

| MODEL CHART - EDPS | | | | |
|--------------------|------------------------------|--|--|---------|
| Model | Set Point Range in w.c. (Pa) | Approx. Dead Band @ Min Set Point in w.c. (Pa) | Approx. Dead Band @ Max Set Point in w.c. (Pa) | Price |
| EDPS-08-1-N | 0.08 to 1.20 (20-300) | 0.04 (10) | 0.05 (12) | \$29.25 |
| EDPS-04-1-N | 0.12 to 1.60 (30-400) | 0.06 (15) | 0.09 (23) | 29.25 |
| EDPS-03-1-N | 0.20 to 2.00 (50-500) | 0.08 (20) | 0.09 (23) | 29.25 |
| EDPS-05-1-N | 0.80 to 4.00 (200-1000) | 0.4 (100) | 0.5 (130) | 29.25 |
| EDPS-06-1-N | 2.00 to 10.00 (500-2500) | 0.6 (150) | 0.8 (200) | 29.25 |
| EDPS-07-1-N | 4.00 to 20.00 (1000-5000) | 1.0 (250) | 1.4 (350) | 29.25 |

Note: For optional M20 cable gland connection, change -1-N to -2-N.

| MODEL CHART - BDPA | | | | |
|--------------------|------------------------------|--|--|------------------------|
| Model | Set Point Range in w.c. (Pa) | Approx. Dead Band @ Min Set Point in w.c. (Pa) | Approx. Dead Band @ Max Set Point in w.c. (Pa) | Price |
| BDPA-08-2-N | 0.08 to 1.20 (20 to 300) | 0.04 (10) | 0.05 (12) | \$84.00 ^(B) |
| BDPA-04-2-N | 0.12 to 1.60 (30 to 400) | 0.06 (15) | 0.09 (23) | 84.00 ^(B) |
| BDPA-03-2-N | 0.20 to 2.00 (50 to 500) | 0.08 (20) | 0.09 (23) | 84.00 ^(B) |
| BDPA-05-2-N | 0.80 to 4.00 (200 to 1000) | 0.4 (100) | 0.5 (130) | 84.00 ^(B) |
| BDPA-06-2-N | 2.00 to 10.00 (500 to 2500) | 0.6 (150) | 0.8 (200) | 84.00 ^(B) |
| BDPA-07-2-N | 4.00 to 20.00 (1000 to 5000) | 1.0 (250) | 1.4 (350) | 84.00 ^(B) |

^(B) Items are subject to Schedule B discounts.

| MODEL CHART - BYDS | | |
|---|-----------------------|------------------------|
| Model | Description | Price |
| BYDS | Bypass damper version | \$60.50 ^(B) |
| Note: All models available online. | | |
| ^(B) Items are subject to Schedule B discounts. | | |

| ACCESSORIES | | |
|-------------|---|--------|
| Model | Description | Price |
| A-288 | "L" type metal mounting bracket with screws | \$3.50 |
| A-289 | "S" type metal mounting bracket with screws | 3.50 |
| A-480 | Plastic static pressure tip | 0.80 |
| A-481 | Installer kit, includes 2 plastic static pressure tips & 7' (2.1 m) of PVC tubing | 4.25 |
| A-489 | 4" straight static pressure tip with flange | 6.67 |

SERIES 1900

CATALOG PAGE 12

COMPACT LOW DIFFERENTIAL PRESSURE SWITCHES

Set Points from 0.07 to 20 in w.c. Repetitive Accuracy within 3%

| MODEL CHART | | | | |
|-------------|--------------------------|----------------------|-------------------|---------|
| Model | Operating Range, in w.c. | Approximate Deadband | | Price |
| | | At Min. Set Point | At Max. Set Point | |
| 1910-00 | 0.07 to 0.15 | 0.04 | 0.04 | \$50.50 |
| 1910-0 | 0.15 to 0.5 | 0.10 | 0.10 | 47.75 |
| 1910-1 | 0.40 to 1.6 | 0.15 | 0.16 | 47.75 |
| 1910-5 | 1.40 to 5.5 | 0.30 | 0.30 | 47.75 |
| 1910-10 | 3.0 to 11.75 | 0.40 | 0.40 | 47.75 |
| 1910-20 | 4.0 to 20.0 | 0.40 | 0.50 | 47.75 |

| ACCESSORIES | | |
|-------------|--|---------|
| Model | Description | Price |
| A-399 | Duct pressure monitor kit; for use with standard or manual reset model switches; includes mounting flange, tubing and adapters | \$37.25 |
| A-329 | Street ell; brass adapter for applications requiring right angle connections; two required for differential pressures | 6.00 |
| A-302F-A | 303 SS static pressure tip with mounting flange; for 3/16" ID rubber or plastic tubing; 4" insertion depth; includes mounting screws | 9.20 |
| A-489 | 4" straight static pressure tip with flange | 6.67 |

| OPTIONS | |
|--|--|
| Weatherproof Housing | |
| 16 ga. steel enclosure with gasketed cover (NEMA 4, IP66) for wet or oily conditions. Withstands 200 hour salt spray test. Wt. 5-1/2 lb (2.5 kg). Switch must be factory installed. | |
| Note: To order, change 1910 base number to 1911, add -WP suffix and +\$220.00^(N) . | |
| Example: 1911-1-WP | |
| Explosion-Proof Housing | |
| Cast iron base with brass cover. Rated Class I, Groups D; Class II, Div. 2, Groups E, F, G; Class III and NEMA 7, 9 NEMA 3. (7 lb). Switch must be factory installed. | |
| Note: To order, change 1910 base number to 1911, add -EXPL suffix and +\$750.00 . | |
| Example: 1911-1-EXPL | |
| Manual Reset Option (Model 1900 MR) | |
| Includes special snap switch which latches on pressure increase above the setpoint. Switch must be manually reset after pressure drops below the setpoint. Available on -1, -5, -10 or -20 ranges only. Option is not UL, CSA or FM listed. For use only in single positive pressure applications. | |
| Note: To order, change 1910 base number to 1900, add -MR suffix and +\$25.00 . | |
| Example: 1900-10-MR | |
| ^(N) Items are net priced and are not subject to any discount. | |

DPDT LOW DIFFERENTIAL PRESSURE SWITCHES

Manual Reset, No Power Required

| MODEL CHART | | | |
|-------------|---|-----------------|----------|
| Model | Description | Range (in w.c.) | Price |
| 1831-1-RA-S | Manual reset DPDT, activate on increase | 2.5 to 9 | \$115.00 |
| 1831-2-RA-S | Manual reset DPDT, activate on increase | 7.5 to 23 | 115.00 |

| ACCESSORIES | | |
|-------------|--|--------|
| Model | Description | Price |
| A-489 | 4" straight static pressure tip with flange | \$6.67 |
| A-491 | 6" straight static pressure tip with flange | 6.67 |
| A-493 | 8" straight static pressure tip with flange | 7.50 |
| A-302F-A | 303 SS static pressure tip with mounting flange; for 3/16" ID rubber or plastic tubing; 4" insertion depth; includes mounting screws | 9.20 |
| A-302F-B | 303 SS static pressure tip with mounting flange; for 3/16" rubber or plastic tubing; 6" insertion depth; includes mounting screws | 12.75 |
| A-302F-C | 303 SS static pressure tip with mounting flange; for 3/16" rubber or plastic tubing; 8" insertion depth; includes mounting screws | 14.50 |

SERIES 645

CATALOG PAGE 13

WET/WET DIFFERENTIAL PRESSURE TRANSMITTER

±0.25% Accuracy, Quick Response, 2-Wire Design

| MODEL CHART | | |
|-------------|---------------|-------------------------|
| Model | Range | Price |
| 645-0 | 0 to 1 psid | \$473.00 ^(N) |
| 645-1 | 0 to 2 psid | 473.00 ^(N) |
| 645-2 | 0 to 5 psid | 473.00 ^(N) |
| 645-3 | 0 to 10 psid | 473.00 ^(N) |
| 645-4 | 0 to 25 psid | 473.00 ^(N) |
| 645-5 | 0 to 50 psid | 473.00 ^(N) |
| 645-6 | 0 to 100 psid | 473.00 ^(N) |

Note: For optional 3-valve manifold assembly, add -3V to end of model number and +\$307.00.

^(N) Items are net priced and are not subject to any discount.

| OPTIONS | | |
|-----------------|--|----------|
| Use order code: | Description | Price |
| NISTCAL-PT1 | NIST traceable calibration certificate | \$139.00 |

SERIES 629C

CATALOG PAGE 14

WET/WET DIFFERENTIAL PRESSURE TRANSMITTER

0.5% Accuracy, NEMA 4X (IP66) Enclosure

| MODEL CHART | | | | | | | | | |
|-----------------------|------|--|----------------------------|----------------------------|-----|----------|-------------------------------|---|---|
| Example | 629C | -01 | -CH | -P1 | -E1 | -S1 | -3V | 629C-01-CH-P1-E1-S1-3V | Price |
| Series | 629C | | | | | | | Wet/wet differential pressure transmitter | \$288.00 |
| Range | | 01 02 03 04 05 06 07 08 09 11 12 13 14 15 16 17 18 19 | | | | | | 0 to 5 psid 0 to 10 psid 0 to 25 psid 0 to 50 psid 0 to 100 psid 0 to 150 psid 0 to 200 psid 0 to 300 psid 0 to 500 psid 0 to 0.5 bar differential 0 to 1 bar differential 0 to 2 bar differential 0 to 4 bar differential 0 to 6 bar differential 0 to 10 bar differential 0 to 15 bar differential 0 to 20 bar differential 0 to 30 bar differential | - - - - - - - - - - - - - - - - - - - |
| Housing | | | CH R1 R2 R5 R6 | | | | | Conduit housing, NEMA 4X (IP66) Conduit housing, NEMA 4X (IP66) with Remote Sensor and 10' shielded cable Conduit housing, NEMA 4X (IP66) with Remote Sensor and 20' shielded cable Conduit housing, NEMA 4X (IP66) with Remote Sensor and 10' armored cable Conduit housing, NEMA 4X (IP66) with Remote Sensor and 20' armored cable | - 100.00 180.00 275.00 390.00 |
| Process Connection | | | | P1 P2 P3 P4 | | | | 1/4" male NPT 1/4" female NPT 1/4" male BSPT 1/4" female BSPT | - - - - |
| Electrical Connection | | | | E1 E2 E3 E5 E9 | | | | Cable gland with 3' of prewired cable Cable gland with 6' of prewired cable Cable gland with 9' of prewired cable 1/2" female NPT conduit M-12 4 pin connector | - +5.00 +5.70 - - |
| Signal Output | | | | | | S1 S3 | | 4 to 20 mA Field selectable 0-5, 1-5, 0-10, 2-10 VDC | - - |
| Options | | | | | | | 3V AT FC LCD NIST | 3-way valve Aluminum tag Factory calibration certificate LCD indication NIST traceable certificate | +121.00 +14.25 +30.00 +100.00 +139.00 |

| ACCESSORIES | | |
|-------------|--------------------------------|---------|
| Model | Description | Price |
| A-155 | Cable gland with 1/2" NPT male | \$16.00 |
| A-228 | 12" SS flex hose | 36.00 |
| A-62X-LCD | Field-upgradeable LCD | 133.00 |
| BBV-1B | Mini SS 3-valve block manifold | 131.00 |

SMART DIFFERENTIAL PRESSURE TRANSMITTER

HART® Communication, Push Button Configuration, Rangeability (100:1)

| MODEL CHART | | |
|---|---------------------|--------------------------|
| Model | Range | Price |
| 3500-AL-02-NF-2 | -10 to 10 in w.c. | \$1900.00 ^(B) |
| 3500-AL-04-NF-2 | 0 to 30 in w.c. | 1900.00 ^(B) |
| 3500-AL-08-NF-2 | 0 to 100 in w.c. | 1900.00 ^(B) |
| 3500-AL-10-NF-2 | -200 to 200 in w.c. | 1900.00 ^(B) |
| 3500-AL-15-NF-2 | 0 to 1000 in w.c. | 1900.00 ^(B) |
| 3500-AL-20-NF-2 | 0 to 15 psi | 1900.00 ^(B) |
| 3500-AL-25-NF-2 | 0 to 100 psi | 1900.00 ^(B) |
| Note: Bar ranges are also available. | | |
| ^(B) Items are subject to Schedule B discounts. | | |

| ACCESSORIES | | |
|---|--|------------------------|
| Model | Description | Price |
| A-630 | Stainless steel angle type bracket with SS bolts | \$89.00 ^(B) |
| A-631 | Stainless steel flat type bracket with SS bolts | 89.00 ^(B) |
| BBV-0N | 2-valve block manifold | 94.00 |
| DevCom2000 | HART® communication protocol software | 1500.00 ^(B) |
| ^(B) Items are subject to Schedule B discounts. | | |

| MODEL CHART | | | | | | | | | | | | | | |
|---|------|----------|-----|----------|--------|--|------------------|------------------|----|----|-----------------|---|--|---|
| Example | 3500 | -AL | -01 | -DS | -1 | -SPRB | A | 0 | -1 | -1 | -NIST | 3500-AL-01-DS-1-SPRBA0-1-1-NIST | Price | |
| Series | 3500 | | | | | | | | | | | Smart differential pressure smart transmitter | \$1900.00 | |
| Housing | | AL AS | | | | | | | | | | Aluminum housing Stainless steel housing | - +173.00 | |
| Range | | | 02 | | | | | | | | | -10 to 10 in w.c. | - | |
| | | | 04 | | | | | | | | | 0 to 30 in w.c. | - | |
| | | | 08 | | | | | | | | | 0 to 100 in w.c. | - | |
| | | | 10 | | | | | | | | | -200 to 200 in w.c. | - | |
| | | | 15 | | | | | | | | | 0 to 1000 in w.c. | - | |
| | | | 20 | | | | | | | | | 0 to 15 psi | - | |
| | | | 25 | | | | | | | | | 0 to 100 psi | - | |
| | | | 38 | | | | | | | | | 0 to 230 psi | - | |
| | | | 40 | | | | | | | | | 0 to 1000 psi | +250.00 | |
| | | | 50 | | | | | | | | | -2.5 to 2.5 in w.c. | +232.00 | |
| | | 60 | | | | | | | | | -1.5 to 1.5 psi | - | | |
| Process Connections | | | | NF DS | | | | | | | | 1/4" female NPT adapter Diaphragm seal selection | - - | |
| Electrical Connections | | | | | 1 2 | | | | | | | Packing gland M20x1.5 Thread 1/2" female NPT | - - | |
| Diaphragm Seal Type | | | | | | SPDH SPRB SPRH STDH STRB STRH | | | | | | S-P flush diaphragm seal direct mount high side S-PK flush diaphragm seal capillary type both sides S-PK flush diaphragm seal capillary type high side S-T extended diaphragm seal direct mount high side S-TK extended diaphragm seal capillary type both sides S-TK extended diaphragm seal capillary type high side | +77.00 +442.00 +187.00 +77.00 +442.00 +187.00 | |
| Mounting Flange | | | | | | | A B C D | | | | | 2" ANSI 2" DN50 3" ANSI 3" DN80 | +440.00 +440.00 +612.00 +612.00 | |
| Extension Length | | | | | | | | 0 2 4 6 | | | | No extension, flush mount 2" (50 mm) 4" (100 mm) 6" (150 mm) | 2" Flange - +508.00 +568.00 +612.00 | 3" Flange - +732.00 +832.00 +832.00 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| Capillary Length High Side | | | | | | | | | # | | | High side capillary length, 1 to 20 ft (increments of 1) | +50.00/ft | |
| Capillary Length Low Side | | | | | | | | | | # | | Low side capillary length, 1 to 20 ft (increments of 1) | +50.00/ft | |
| Options | | | | | | | | | | | FP | ATEX/IECEX flameproof | +85.00 | |
| | | | | | | | | | | | IS | ATEX/IECEX intrinsically safe | +155.00 | |
| | | | | | | | | | | | MT | Stainless steel tag plate mounted on wire | +10.00 | |
| | | | | | | | | | | | NIST | NIST traceable calibration certificate | +139.00 ^(N) | |
| | | | | | | | | | | | GB | 2" galvanized steel mounting bracket | +55.00 | |
| | | | | | | | | | | | SB | 2" SS mounting bracket | +80.00 | |
| | | | | | | | | | | | ST | Stainless steel plate riveted to the housing | +25.00 | |
| (N) Items are net priced and are not subject to any discount. | | | | | | | | | | | | | | |

INDUSTRIAL PRESSURE TRANSMITTER

Complete Offering of Ranges, Connections and Outputs

| MODEL CHART | | | | | | | | | | |
|-----------------------|-----|-----|-----|-----|-----|-----|------|---|--|----------|
| Example | 626 | -00 | -CH | -P1 | -E1 | -S1 | -AT | 626-00-CH-P1-E1-S1-AT | | Price |
| Accuracy | 626 | | | | | | | 0.25% full scale accuracy | | \$128.00 |
| | 628 | | | | | | | 1.0% full scale accuracy | | 84.50 |
| Range | | 00 | | | | | | 0 to 15 psia ^③ | | +25.00 |
| | | 01 | | | | | | 0 to 30 psia ^③ | | +25.00 |
| | | 02 | | | | | | 0 to 50 psia ^③ | | +25.00 |
| | | 03 | | | | | | 0 to 100 psia ^③ | | +25.00 |
| | | 04 | | | | | | 0 to 200 psia ^③ | | +25.00 |
| | | 05 | | | | | | 0 to 300 psia ^③ | | +25.00 |
| | | 06 | | | | | | 0 to 5 psi | | - |
| | | 07 | | | | | | 0 to 15 psi | | - |
| | | 08 | | | | | | 0 to 30 psi | | - |
| | | 09 | | | | | | 0 to 50 psi | | - |
| | | 10 | | | | | | 0 to 100 psi | | - |
| | | 11 | | | | | | 0 to 150 psi | | - |
| | | 12 | | | | | | 0 to 200 psi ^④ | | - |
| | | 13 | | | | | | 0 to 300 psi ^④ | | - |
| | | 14 | | | | | | 0 to 500 psi ^④ | | - |
| | | 22 | | | | | | 0 to 600 psi ^④ | | - |
| | | 15 | | | | | | 0 to 1000 psi | | - |
| | | 16 | | | | | | 0 to 1500 psi ^④ | | +25.00 |
| | | 18 | | | | | | 0 to 3000 psi | | +25.00 |
| | | 19 | | | | | | 0 to 5000 psi | | +25.00 |
| | | 26 | | | | | | 0 to 8000 psi | | +25.00 |
| | | 67 | | | | | | 0 to 0.5 bar | | - |
| | | 71 | | | | | | 0 to 2.5 bar | | - |
| | | 75 | | | | | | 0 to 10 bar | | - |
| | | 81 | | | | | | 0 to 40 bar | | - |
| Housing | | | CB | | | | | Conduit box housing | | +35.75 |
| | | | GH | | | | | General purpose housing | | - |
| Process Connection | | | | P1 | | | | 1/4" male NPT | | - |
| | | | | P2 | | | | 1/4" female NPT | | - |
| | | | | P3 | | | | 1/4" male BSPT | | - |
| | | | | P5 | | | | 1/4" female SAE with refrigerant valve depressor ^① | | - |
| | | | | P9 | | | | 1/2" male NPT ^① | | - |
| Electrical Connection | | | | | E1 | | | Cable gland with 3' of prewired cable | | - |
| | | | | | E3 | | | Cable gland with 9' of prewired cable | | +5.70 |
| | | | | | E4 | | | DIN EN 175801-803-C ^① | | +5.00 |
| | | | | | E5 | | | 1/2" female NPT conduit ^② | | - |
| | | | | | E6 | | | M-12 4 pin connector-UL ^④ | | +12.75 |
| | | | | | E8 | | | Packard connector | | - |
| | | | | | E9 | | | M-12 4 pin connector non-UL | | - |
| Signal Output | | | | | | S1 | | 4 to 20 mA | | - |
| | | | | | | S2 | | 1 to 5 VDC | | - |
| | | | | | | S4 | | 0 to 5 VDC | | - |
| | | | | | | S5 | | 0 to 10 VDC | | - |
| | | | | | | S7 | | 0.5 to 4.5 VDC ^{①③} | | - |
| | | | | | | S8 | | Selectable 0 to 5, 1 to 5, 0 to 10, 2 to 10 VDC ^② | | - |
| Options | | | | | | | AT | Aluminum tag | | +14.25 |
| | | | | | | | LCD | LCD indication ^② | | +100.00 |
| | | | | | | | NIST | NIST traceable certificate | | +139.00 |
| | | | | | | | NW | NSF/ANSI 61/372 certified | | +59.00 |

①Available with -GH housing only, NEMA 4 (IP65) ②Available with -CB housing only ③Power requirement: 5 VDC ±10% ④Available with -GH housing only ⑤Absolute ranges for 626 are 0.5% FS accuracy and for 628 are 2% FS accuracy
 ⑥UL listed pump controllers, fire-component - See online certificate for information and limitations

Note: Bar and absolute ranges are only available with -GH housing.

| ACCESSORIES | | |
|-------------|--|---------|
| Model | Description | Price |
| A-164 | 16.4' (5 m) cable with M-12 4-pin female connector | \$29.25 |
| A-62X-LCD | Field-upgradeable LCD | 133.00 |
| A-960 | 3' packard cable | 16.00 |
| A-961 | 9' packard cable | 18.25 |
| A-962 | 20' packard cable | 19.25 |

WET/WET DIFFERENTIAL PRESSURE TRANSMITTER

Ranges from 1 to 25 in w.c., $\pm 1.0\%$ Accuracy, NEMA 4 (IP56) Enclosure, 2-Wire

| MODEL CHART | | |
|-------------|-----------------|-------------------------|
| Model | Range | Price |
| 647-0 | 0 to 1 in w.c. | \$576.00 ^(B) |
| 647-1 | 0 to 3 in w.c. | 424.00 ^(B) |
| 647-2 | 0 to 25 in w.c. | 424.00 ^(B) |
| 647-3 | 0 to 5 in w.c. | 424.00 ^(B) |
| 647-4 | 0 to 10 in w.c. | 424.00 ^(B) |

^(B) Items are subject to Schedule B discounts.

| OPTIONS | | |
|-----------------|--|----------|
| Use order code: | Description | Price |
| NISTCAL-PT1 | NIST traceable calibration certificate | \$139.00 |

SERIES DX

CATALOG PAGE 19

WET/WET DIFFERENTIAL PRESSURE SWITCH

NEMA 4X Enclosure, Low Differential Set Points

| MODEL CHART | | | | |
|--------------|--|-----------------------------|----------------|---------|
| Model | Adjustable Differential Range (on increase) [psid (bar)] | Fixed Deadband [psid (bar)] | | Price |
| | | Low Set Point | High Set Point | |
| DXW-11-153-1 | 2.5 to 10 (0.17 to 0.69) | 1.5 (0.10) | 2.5 (0.17) | \$67.00 |
| DXW-11-153-2 | 10 to 25 (0.69 to 1.72) | 2.5 (0.17) | 3.5 (0.24) | 67.00 |
| DXW-11-153-3 | 25 to 50 (1.72 to 3.45) | 3.5 (0.24) | 6.0 (0.41) | 67.00 |
| DXW-11-153-4 | 50 to 75 (3.46 to 5.17) | 6.0 (0.41) | 8.0 (0.55) | 67.00 |

Note: Set points on decrease will be the range minus the deadband.

| OPTIONS | | |
|------------------------------|-------------|----------|
| To order add suffix: | Description | Price |
| -PRESET | Preset unit | +\$16.50 |
| Example: DXW-11-153-1-PRESET | | |

SERIES TE-E/N

CATALOG PAGE 20

WALL MOUNT TEMPERATURE SENSOR

Discrete Wall Mount Housing

| MODEL CHART | | | | | |
|----------------------|----------------------------------|--------|----------------|----------------------------------|--------|
| North American Model | Sensor Type | Price | European Model | Sensor Type | Price |
| TE-NND-A | 10k Ω type III thermistor | \$9.30 | TE-END-A | 10k Ω type III thermistor | \$9.30 |
| TE-NND-B | 10k Ω type II thermistor | 9.30 | TE-END-B | 10k Ω type II thermistor | 9.30 |
| TE-NND-C | 3k Ω thermistor | 10.50 | TE-END-C | 3k Ω thermistor | 10.50 |
| TE-NND-D | Pt100 Ω RTD | 12.50 | TE-END-D | Pt100 Ω RTD | 12.50 |
| TE-NND-E | Pt1000 Ω RTD | 12.50 | TE-END-E | Pt1000 Ω RTD | 12.50 |
| TE-NND-F | 20k Ω thermistor | 9.30 | TE-END-F | 20k Ω thermistor | 9.30 |

SERIES TE-WSS

CATALOG PAGE 20

STAINLESS STEEL WALL PLATE TEMPERATURE SENSOR

Screw Terminal Connection, Suitable for Wash Down Applications

| MODEL CHART | | |
|-------------|----------------------------------|--------|
| Model | Sensor Type | Price |
| TE-WSS-A | 10k Ω type III thermistor | \$9.30 |
| TE-WSS-B | 10k Ω type II thermistor | 9.30 |
| TE-WSS-C | 3k Ω thermistor | 9.30 |
| TE-WSS-D | PT100 Ω RTD | 10.50 |
| TE-WSS-E | PT1000 Ω RTD | 10.50 |
| TE-WSS-F | 20k Ω thermistor | 9.30 |

DUCT AND IMMERSION BUILDING AUTOMATION TEMPERATURE SENSORS

Available up to 18" Probe Length, Thermistor or RTD Outputs

| MODEL CHART | | | | | | | | | |
|------------------------|-----|------|----|----|---|---|-----|---|--------|
| Example | TE | -DFN | -A | 04 | 4 | 8 | -00 | TE-DFN-A0448-00 | Price |
| Series | TE | | | | | | | Temperature sensor | - |
| Mounting Configuration | DFN | DFG | | | | | | Duct mount probe only | \$7.30 |
| | | | | | | | | Duct mount probe in general purpose housing | 13.00 |
| | | | | | | | | Duct mount probe in NEMA 4X housing | 15.50 |
| | IBN | IBG | | | | | | Immersion probe only | 7.30 |
| | | | | | | | | Immersion probe in general purpose housing | 13.00 |
| | | | | | | | | Immersion probe in NEMA 4X housing | 15.50 |
| Sensor Type | | | A | | | | | 10k Ω type III thermistor | - |
| | | | B | | | | | 10k Ω type II thermistor | - |
| | | | C | | | | | 3k Ω thermistor | +1.50 |
| | | | D | | | | | Pt100 Ω RTD | +3.00 |
| | | | E | | | | | Pt1000 Ω RTD | +3.00 |
| | | | F | | | | | 20k Ω thermistor | - |
| | | | Q | | | | | 10k Ω type III with 11k Ω shunt | +2.00 |
| | | | | | | | | | |
| Probe Length | | | | 25 | | | | 2.5" | - |
| | | | | 04 | | | | 4" | - |
| | | | | 06 | | | | 6" | - |
| | | | | 08 | | | | 8" | - |
| | | | | 12 | | | | 12" | - |
| | | | | 18 | | | | 18" | - |
| | | | | | | | | 18" (DFN/DFG only) | +3.00 |
| Probe Diameter | | | | | 4 | | | 1/4" | - |
| Termination | | | | | 3 | | | 4" leads with spade connectors | +1.65 |
| | | | | | 4 | | | 4" leads | - |
| | | | | | 7 | | | 8" plenum rated cable with spade connectors | +3.65 |
| | | | | | 8 | | | 8" plenum rated cable | +2.00 |
| Fittings | | | | | | | 00 | None (probe only) | - |
| | | | | | | | 12 | 1/2" NPT compression fitting | +4.00 |
| | | | | | | | 14 | 1/4" NPT compression fitting | +2.00 |

SERIES TE-I

IMMERSION TEMPERATURE SENSORS

Integral Mounting Connection, Welded Thermowells

| MODEL CHART | | | | | | | | | |
|------------------------|-----|------|----|----|---|---|-----|---|--------|
| Example | TE | -ITG | -A | 25 | 4 | 4 | -00 | TE-ITG-A2544-00 | Price |
| Series | TE | | | | | | | Duct and immersion building automation temperature sensor | - |
| Mounting Configuration | ITG | ITW | | | | | | Immersion in general purpose housing | \$7.30 |
| | | | | | | | | Immersion in NEMA 4X housing | 13.00 |
| Sensor Type | | | A | | | | | 10k Ω type III thermistor | - |
| | | | B | | | | | 10k Ω type II thermistor | - |
| | | | C | | | | | 3k Ω thermistor | +1.50 |
| | | | D | | | | | Pt100 Ω RTD | +3.00 |
| | | | E | | | | | Pt1000 Ω RTD | +3.00 |
| | | | F | | | | | 20k Ω thermistor | - |
| | | | Q | | | | | 10k Ω type III with 11k Ω shunt | +2.00 |
| | | | | | | | | | |
| Probe Length* | | | | 25 | | | | 2.5" | - |
| | | | | 04 | | | | 4" | - |
| | | | | 06 | | | | 6" | - |
| | | | | 08 | | | | 8" | - |
| | | | | 12 | | | | 12" | - |
| | | | | 18 | | | | 18" | +3.00 |
| Probe Diameter | | | | | 4 | | | 1/4" | - |
| Termination | | | | | | 4 | | 4" flying leads terminal block | - |
| Fittings | | | | | | | 00 | None (integral) | - |

*Actual probe length is approximately 0.75" longer than listed probe length to ensure maximum immersion into thermowells.

THERMOWELLS

Thermowells for Building Automation Temperature Sensors

| MODEL CHART | | | | | |
|-----------------|----------|--------|--------------|--------------------------------|---------|
| Model | Material | Length | Construction | Connection (Internal/External) | Price |
| TE-TNS-N044N-14 | 304 SS | 4" | Machined | 1/4" NPT / 1/2" NPT | \$17.75 |
| TE-TNS-N044N-12 | 304 SS | 4" | Machined | 1/2" NPT / 3/4" NPT | 15.75 |
| TE-TNS-N064N-14 | 304 SS | 6" | Machined | 1/4" NPT / 1/2" NPT | 19.00 |
| TE-TNS-N064N-12 | 304 SS | 6" | Machined | 1/2" NPT / 3/4" NPT | 19.00 |
| TE-TNS-N094N-14 | 304 SS | 9" | Machined | 1/4" NPT / 1/2" NPT | 32.25 |
| TE-TNS-N094N-12 | 304 SS | 9" | Machined | 1/2" NPT / 3/4" NPT | 30.50 |
| TE-TNS-N124N-14 | 304 SS | 12" | Machined | 1/4" NPT / 1/2" NPT | 46.75 |
| TE-TNS-N124N-12 | 304 SS | 12" | Machined | 1/2" NPT / 3/4" NPT | 44.75 |
| TE-TNS-N045N-14 | 316 SS | 4" | Machined | 1/4" NPT / 1/2" NPT | 21.75 |
| TE-TNS-N045N-12 | 316 SS | 4" | Machined | 1/2" NPT / 3/4" NPT | 19.75 |
| TE-TNS-N065N-14 | 316 SS | 6" | Machined | 1/4" NPT / 1/2" NPT | 23.00 |
| TE-TNS-N065N-12 | 316 SS | 6" | Machined | 1/2" NPT / 3/4" NPT | 23.00 |
| TE-TNS-N095N-14 | 316 SS | 9" | Machined | 1/4" NPT / 1/2" NPT | 36.25 |
| TE-TNS-N095N-12 | 316 SS | 9" | Machined | 1/2" NPT / 3/4" NPT | 34.50 |
| TE-TNS-N125N-14 | 316 SS | 12" | Machined | 1/4" NPT / 1/2" NPT | 50.75 |
| TE-TNS-N125N-12 | 316 SS | 12" | Machined | 1/2" NPT / 3/4" NPT | 48.75 |
| TE-TNS-N253N-00 | 304 SS | 2.5" | Fabricated | 1/2" NPSM / 1/2" NPT | 14.00 |
| TE-TNS-N043N-00 | 304 SS | 4" | Fabricated | 1/2" NPSM / 1/2" NPT | 14.00 |
| TE-TNS-N063N-00 | 304 SS | 6" | Fabricated | 1/2" NPSM / 1/2" NPT | 14.00 |
| TE-TNS-N083N-00 | 304 SS | 8" | Fabricated | 1/2" NPSM / 1/2" NPT | 17.00 |
| TE-TNS-N123N-00 | 304 SS | 12" | Fabricated | 1/2" NPSM / 1/2" NPT | 20.25 |
| TE-TNS-N183N-00 | 304 SS | 18" | Fabricated | 1/2" NPSM / 1/2" NPT | 25.25 |

SERIES TE-OND/TE-RND/TE-OSA

OUTDOOR TEMPERATURE SENSORS

Protection Against Radiated Heat, Weatherproof Housing

| MODEL CHART | | |
|-------------|--|---------|
| Model | Sensor Type | Price |
| TE-OND-A | 10k Ω type III thermistor | \$51.50 |
| TE-OND-B | 10k Ω type II thermistor | 51.50 |
| TE-OND-C | 3k Ω thermistor | 51.50 |
| TE-OND-D | PT100 Ω RTD | 51.50 |
| TE-OND-E | PT1000 Ω RTD | 51.50 |
| TE-OND-F | 20k Ω thermistor | 51.50 |
| TE-OND-Q | 10k Ω type III thermistor with 11k Ω shunt | 51.50 |
| TE-RND-A | 10k Ω type III thermistor | 77.50 |
| TE-RND-B | 10k Ω type II thermistor | 77.50 |
| TE-RND-C | 3k Ω thermistor | 77.50 |
| TE-RND-D | PT100 Ω RTD | 77.50 |
| TE-RND-E | PT1000 Ω RTD | 77.50 |
| TE-RND-F | 20k Ω thermistor | 77.50 |
| TE-RND-Q | 10k Ω type III thermistor with 11k Ω shunt | 80.50 |
| TE-OSA-A | 10k Ω type III thermistor | 19.25 |
| TE-OSA-B | 10k Ω type II thermistor | 19.25 |
| TE-OSA-C | 3k Ω thermistor | 20.25 |
| TE-OSA-D | PT100 Ω RTD | 22.25 |
| TE-OSA-E | PT1000 Ω RTD | 22.25 |
| TE-OSA-F | 20k Ω thermistor | 19.25 |
| TE-OSA-Q | 10k Ω type III thermistor with 11k Ω shunt | 19.25 |

SERIES TE-A

AVERAGING TEMPERATURE SENSORS

Available in 6', 12' and 24' Lengths

| MODEL CHART | | | | | | | |
|-----------------|-----------------------------|------------------|---------|-----------------|--------------------|------------------|---------|
| Model | Sensor Type | Capillary Length | Price | Model | Sensor Type | Capillary Length | Price |
| TE-AAG-A0634-00 | 10k type III NTC thermistor | 6' | \$51.50 | TE-AAG-C0634-00 | 3k NTC thermistor | 6' | \$61.50 |
| TE-AAG-A1234-00 | 10k type III NTC thermistor | 12' | 56.50 | TE-AAG-C1234-00 | 3k NTC thermistor | 12' | 66.50 |
| TE-AAG-A2434-00 | 10k type III NTC thermistor | 24' | 66.50 | TE-AAG-C2434-00 | 3k NTC thermistor | 24' | 76.50 |
| TE-AAG-B0634-00 | 10k type II NTC thermistor | 6' | 51.50 | TE-AAG-F0634-00 | 20k NTC thermistor | 6' | 51.50 |
| TE-AAG-B1234-00 | 10k type II NTC thermistor | 12' | 56.50 | TE-AAG-F1234-00 | 20k NTC thermistor | 12' | 56.50 |
| TE-AAG-B2434-00 | 10k type II NTC thermistor | 24' | 66.50 | TE-AAG-F2434-00 | 20k NTC thermistor | 24' | 66.50 |

AVERAGING TEMPERATURE SENSOR CLIPS

3/8", 1/4", or 1/8" Sensor Diameters

| MODEL CHART | | |
|--|---------|-----------------------|
| Model | Color | Price |
| CC1-N | Natural | \$1.30 ^(N) |
| CC1-GY | Grey | 1.30 ^(N) |
| Note: Sold individually | | |
| ^(N) Items are net priced and are not subject to any discount. | | |

SERIES O-4

CATALOG PAGE 25

OUTSIDE AIR TEMPERATURE SENSORS

NEMA 4X, Removable Terminal Block

| MODEL CHART | | | | | |
|-------------|----------------------------------|---------|-------|-------------------------|---------|
| Model | Sensor Type | Price | Model | Sensor Type | Price |
| O-4A | 10k Ω type III thermistor | \$11.00 | O-4D | Pt100 Ω RTD | \$14.00 |
| O-4B | 10k Ω type II thermistor | 11.00 | O-4E | Pt1000 Ω RTD | 14.00 |
| O-4C | 3k Ω thermistor | 14.00 | O-4F | 20k Ω thermistor | 11.00 |

SERIES S2-1

CATALOG PAGE 25

SURFACE MOUNT TEMPERATURE SENSORS

RTD and Thermistor, 304 SS Probe

| MODEL CHART | | | | | |
|-------------|--------------------------------------|---------|-------|--------------------------------------|---------|
| Model | Sensor Type | Price | Model | Sensor Type | Price |
| S2-11 | Pt100 Ω RTD | \$28.25 | S2-17 | 5k Ω NTC thermistor | \$20.50 |
| S2-12 | Pt1000 Ω RTD | 28.25 | S2-18 | 100k Ω NTC thermistor | 20.50 |
| S2-13 | Ni1000 Ω RTD | 28.25 | S2-19 | 20k Ω NTC thermistor | 20.50 |
| S2-14 | 1000 Ω Balco [®] RTD | 32.75 | S2-1A | 2252 Ω NTC thermistor | 20.50 |
| S2-15 | 10k Ω type II thermistor | 20.50 | S2-1B | 10k Ω type III NTC thermistor | 20.50 |
| S2-16 | 3k Ω NTC thermistor | 20.50 | | | |

SERIES TE-SNW

CATALOG PAGE 26

WEATHER RESISTANT SURFACE TEMPERATURE SENSORS

Strap On Design, Twist Off Cover, 2 to 6" Pipe Sizes

| MODEL CHART | | |
|-------------|----------------------------------|---------|
| Model | Sensor Type | Price |
| TE-SNW-A | 10k Ω type III thermistor | \$18.00 |
| TE-SNW-B | 10k Ω type II thermistor | 18.00 |
| TE-SNW-C | 3k Ω thermistor | 18.00 |
| TE-SNW-D | Pt100 Ω RTD | 21.00 |
| TE-SNW-E | Pt1000 Ω RTD | 21.00 |
| TE-SNW-F | 20k Ω thermistor | 18.00 |

SERIES I2-1

CATALOG PAGE 26

IMMERSION TEMPERATURE PROBES

RTD & Thermistor Outputs, 304 SS Probes

| MODEL CHART - 6" INSERTION LENGTH | | |
|-----------------------------------|--------------------------------|---------|
| Model | Sensor Type | Price |
| I2-11062 | Pt100 Ω RTD | \$28.25 |
| I2-12062 | Pt1000 Ω RTD | 25.50 |
| I2-13062 | Ni1000 Ω RTD | 28.25 |
| I2-14062 | Balco 1000 Ω RTD | 33.75 |
| I2-15062 | 10k Ω type 2 thermistor | 18.00 |
| I2-16062 | 3k Ω thermistor | 18.00 |
| I2-17062 | 5k Ω thermistor | 18.00 |
| I2-18062 | 100k Ω thermistor | 18.00 |
| I2-19062 | 20k Ω thermistor | 18.00 |
| I2-1A062 | 2252 Ω thermistor | 18.00 |
| I2-1B062 | 10k Ω type 3 thermistor | 18.00 |

| MODEL CHART - 4" INSERTION LENGTH | | |
|-----------------------------------|--------------------------------|---------|
| Model | Sensor Type | Price |
| I2-11042 | Pt100 Ω RTD | \$27.00 |
| I2-12042 | Pt1000 Ω RTD | 27.00 |
| I2-13042 | Ni1000 Ω RTD | 27.00 |
| I2-14042 | Balco 1000 Ω RTD | 33.75 |
| I2-15042 | 10k Ω type 2 thermistor | 18.00 |
| I2-16042 | 3k Ω thermistor | 18.00 |
| I2-17042 | 5k Ω thermistor | 18.00 |
| I2-18042 | 100k Ω thermistor | 18.00 |
| I2-19042 | 20k Ω thermistor | 18.00 |
| I2-1A042 | 2252 Ω thermistor | 18.00 |
| I2-1B042 | 10k Ω type 3 thermistor | 18.00 |

| MODEL CHART - THERMOWELLS | | | |
|---------------------------|----------|------------------|---------|
| Model | Material | Insertion Length | Price |
| IW2-262 | 304 SS | 6" | \$26.50 |
| IW2-242 | 304 SS | 4" | 26.50 |

TEMPERATURE TRANSMITTER

Current or Voltage Output, NEMA 4X Enclosures

| MODEL CHART | | | | | | |
|------------------------|-----|----|----|----|--|---------|
| Example | BTT | -D | 04 | -1 | BTT-D04-1 | Price |
| Series | BTT | | | | Temperature transmitter | - |
| Mounting Configuration | | D | | | Duct mount | \$51.50 |
| | | I | | | Immersion mount | 62.00 |
| | | O | | | Outside air | 67.00 |
| | | R | | | Outside air with radiation shield | 109.00 |
| Probe Length* | | | 25 | | 2.5" (required for "O" and "R" models) | - |
| | | | 04 | | 4" | - |
| | | | 06 | | 6" | - |
| | | | 08 | | 8" | - |
| | | | 12 | | 12" | - |
| | | | 18 | | 18" | +10.00 |
| Output | | | | 1 | 4 to 20 mA | - |
| | | | | 2 | 0 to 10 V | - |
| Options | | | | | Blank | - |
| | | | | | FC Factory calibration certificate | +30.00 |
| | | | | | NIST NIST calibration certificate | +121.00 |

*For BTT-I models, actual probe length is approximately 0.75" longer than listed probe length to ensure maximum immersion into thermowells.

| THERMOWELLS - WELDED | | | | |
|----------------------|----------|--------------------------------|------------------|---------|
| Model | Material | Connection (Internal/External) | Insertion Length | Price |
| TE-TNS-N253N-00 | 304 SS | 1/2" NPSM/1/2" NPT | 2.5" | \$14.00 |
| TE-TNS-N043N-00 | 304 SS | 1/2" NPSM/1/2" NPT | 4" | 14.00 |
| TE-TNS-N063N-00 | 304 SS | 1/2" NPSM/1/2" NPT | 6" | 14.00 |
| TE-TNS-N083N-00 | 304 SS | 1/2" NPSM/1/2" NPT | 8" | 17.00 |
| TE-TNS-N123N-00 | 304 SS | 1/2" NPSM/1/2" NPT | 12" | 20.25 |
| TE-TNS-N183N-00 | 304 SS | 1/2" NPSM/1/2" NPT | 18" | 25.25 |

SERIES BTT-E/N

CATALOG PAGE 28

TEMPERATURE TRANSMITTER

Wall Mount for Building Applications

| MODEL CHART | | | | | | | | | | | |
|-------------|----------------------|-------------|---------|-----------|----------------------|-------------|-------|-----------|----------------|-------------|-------|
| Model | Housing | Output | Price | Model | Housing | Output | Price | Model | Housing | Output | Price |
| BTT-N00-1 | North American style | 4 to 20 mA | \$46.50 | BTT-N00-4 | North American style | 0 to 10 VDC | 46.50 | BTT-E00-3 | European style | 4 to 20 mA | 46.50 |
| BTT-N00-2 | North American style | 0 to 10 VDC | 46.50 | BTT-E00-1 | European style | 4 to 20 mA | 46.50 | BTT-E00-4 | European style | 0 to 10 VDC | 46.50 |
| BTT-N00-3 | North American style | 4 to 20 mA | 46.50 | BTT-E00-2 | European style | 0 to 10 VDC | 46.50 | | | | |

SERIES TTW

CATALOG PAGE 28

WEATHERPROOF IMMERSION TEMPERATURE TRANSMITTER

Pt100 RTD, PC Programmable Transmitter

| MODEL CHART | | | THERMOWELLS - MACHINED | | | | |
|-------------|--------------|----------|------------------------|----------|--------|--------------------------------------|---------|
| Model | Probe Length | Price | Model | Material | Length | Connection (Internal/External) (NPT) | Price |
| TTW-104 | 4" | \$206.00 | TE-TNS-N044N-14 | 304 SS | 4" | 1/4" / 1/2" | \$17.75 |
| TTW-106 | 6" | 206.00 | TE-TNS-N064N-14 | 304 SS | 6" | 1/4" / 1/2" | 19.00 |
| TTW-108 | 8" | 206.00 | TE-TNS-N094N-14 | 304 SS | 9" | 1/4" / 1/2" | 32.25 |
| TTW-112 | 12" | 206.00 | TE-TNS-N124N-14 | 304 SS | 12" | 1/4" / 1/2" | 46.75 |
| TTW-118 | 18" | 210.00 | | | | | |

SERIES TTE

CATALOG PAGE 29

EXPLOSION-PROOF RTD TEMPERATURE TRANSMITTER

User Selectable Ranges, Optional LCD Display

| MODEL CHART | | | | | | |
|--------------|-----|----|----|----|---|----------|
| Example | TTE | -1 | 04 | -W | -LCD | Price |
| Series | TTE | | | | | \$380.00 |
| Agency | | 1 | | | FM* | - |
| | | 2 | | | ATEX/IECEx flameproof | 75.00 |
| Probe Length | | | 02 | | 2" probe | - |
| | | | 04 | | 4" probe | - |
| | | | 06 | | 6" probe | - |
| | | | 09 | | 9" probe | +26.00 |
| | | | 12 | | 12" probe | +26.00 |
| | | | 15 | | 15" probe | +52.00 |
| | | | 18 | | 18" probe | +52.00 |
| Construction | | | | W | Well probe | - |
| Options | | | | | Blank | - |
| | | | | | BSPT 1/2 male BSPT process connection | - |
| | | | | | C5 C5-M housing paint specification | +25.00 |
| | | | | | LCD LCD display | +105.00 |
| | | | | | M20 Female M20 thread electrical connection | - |

*Options that do not have ATEX and IECEx.

Attention: Units without the "2" suffix following "TTE" are not directive 2014/34/EU (ATEX) Complaint. These units are not intended for use in potentially hazardous atmospheres in the EU. These units may be CE marked for other directives of the EU.

| THERMOWELLS - MACHINED | | | | |
|------------------------|----------|--------|--------------------------------------|---------|
| Model | Material | Length | Connection (Internal/External) (NPT) | Price |
| TE-TNS-N044N-12 | 304 SS | 4" | 1/2" / 3/4" | \$15.75 |
| TE-TNS-N064N-12 | 304 SS | 6" | 1/2" / 3/4" | 19.00 |
| TE-TNS-N094N-12 | 304 SS | 9" | 1/2" / 3/4" | 30.50 |
| TE-TNS-N124N-12 | 304 SS | 12" | 1/2" / 3/4" | 44.75 |

| ACCESSORIES | | |
|-------------|---|---------|
| Model | Description | Price |
| A-287 | Mounting bracket for pipe or surface mounting (Includes bracket and two 2" U-bolts) | \$11.75 |

WALL MOUNT HUMIDITY/TEMPERATURE/DEW POINT TRANSMITTER

Optional LCD Display

| MODEL CHART | | | | | | | | | |
|----------------------------------|-----|----|---|---|---|------|--|----------|--|
| Example | RHP | -3 | N | 4 | A | -LCD | RHP-3N4A-LCD | Price | |
| Series | RHP | | | | | | Humidity/temperature/ dew point transmitter | - | |
| Accuracy | | 2 | | | | | 2% accuracy | +\$29.25 | |
| | | 3 | | | | | 3% accuracy | +18.75 | |
| | | 5 | | | | | 5% accuracy | - | |
| Housing | | | E | | | | European style wall mount | 77.50 | |
| | | | N | | | | North American style wall mount | 77.50 | |
| Humidity/ Dew Point Output | | | | 4 | | | 4 to 20 mA/0 to 5 VDC/0 to 10 VDC | - | |
| Temperature Output | | | | | 0 | | None | - | |
| | | | | | 4 | | 4 to 20 mA/0 to 5 VDC/0 to 10 VDC | +10.00 | |
| | | | | | A | | 10K Ω @ 25°C thermistor type III | +5.00 | |
| | | | | | B | | 10K Ω @ 25°C thermistor type II | +5.00 | |
| | | | | | C | | 3K Ω @ 25°C thermistor | +6.00 | |
| | | | | | D | | 100 Ω RTD DIN 385 | +6.00 | |
| | | | | | E | | 1K Ω RTD DIN 385 | +6.00 | |
| | | | | | F | | 20K Ω @ 25°C thermistor | +5.00 | |
| Options | | | | | | LCD | LCD display | +50.00 | |
| | | | | | | NIST | NIST traceable calibration certificate | +121.00 | |

| ACCESSORIES | | |
|---|--|----------------------|
| Model | Description | Price |
| A-449 | Remote LCD display allows remote indication of select Dwyer wall mount transmitters for validation or certification purposes 100-240 VAC/VDC to 24 VDC power supply | \$50.00 |
| SCD-PS | | 30.00 ^(B) |
| ^(B) Items are subject to Schedule B discounts. | | |

SERIES RHP

CATALOG PAGE 31

HUMIDITY/TEMPERATURE TRANSMITTER

Passive Temperature Outputs, Sintered Filter Options

| MODEL CHART | | | | | | | | | |
|-----------------------|-----|----|---|---|---|------|--|----------|--|
| Example | RHP | -2 | D | 1 | A | -LCD | RHP-2D1A-LCD | Price | |
| Series | RHP | | | | | | RH/passive temperature sensor transmitter | - | |
| Accuracy | | 2 | | | | | 2% accuracy | +\$29.25 | |
| | | 3 | | | | | 3% accuracy | +24.00 | |
| | | 5 | | | | | 5% accuracy | - | |
| Housing Type | | | D | | | | Duct mount with membrane filter | 97.50 | |
| | | | M | | | | Duct mount with HDPE filter | 98.00 | |
| | | | O | | | | OSA (outside air) | 95.00 | |
| | | | S | | | | OSA with sintered filter* | 100.00 | |
| | | | R | | | | Radiation shield | 155.00 | |
| RH Output | | | | 1 | | | 4 to 20 mA | - | |
| | | | | 2 | | | 0 to 10 V | - | |
| | | | | 3 | | | 0 to 5 VDC | - | |
| Temperature Sensor | | | | | 0 | | None | -10.00 | |
| | | | | | 1 | | 4 to 20 mA | +10.00 | |
| | | | | | 2 | | 0 to 10 VDC | +10.00 | |
| | | | | | 3 | | 0 to 5 VDC | +10.00 | |
| | | | | | A | | 10K @ 25°C thermistor type III | +5.00 | |
| | | | | | B | | 10K @ 25°C thermistor type II | +5.00 | |
| | | | | | C | | 3K @ 25°C thermistor | +6.00 | |
| | | | | | D | | 100 Ω RTD DIN 385 | +6.00 | |
| | | | | | E | | 1K Ω RTD DIN 385 | +6.00 | |
| | | | | | F | | 20K Ω @ 25°C thermistor | +5.00 | |
| Options | | | | | | LCD | LCD display | +50.00 | |
| | | | | | | NIST | NIST traceable calibration certificate | +121.00 | |

*Use OSA with sintered filter models when purchasing Series RHRS radiation shield separately.

SERIES RHRS

CATALOG PAGE 32

OUTSIDE AIR HUMIDITY RADIATION SHIELD

6 or 10 Plate Design, Integral Pipe Mounting Kit

| MODEL CHART | | |
|---|---------------------------|---------|
| Model | Description | Price |
| RHRS | 6 plate radiation shield | \$41.25 |
| RHRS-10 | 10 plate radiation shield | 88.00 |
| Note: Only sintered filter OSA models of Series RHP are compatible with the shield. | | |

HUMIDITY/TEMPERATURE TRANSMITTER

Remote Mount, Field Replaceable Sensor Filter, Up to 16' Cable

| MODEL CHART | | | | | | | | | |
|-------------|--------------|-------------|---------|----------|----------|--------------|----------------------|---------|----------|
| Model | Cable Length | Description | Output | Price | Model | Cable Length | Description | Output | Price |
| RHU-R004 | 4' | Humidity | Current | \$256.00 | RHT-R004 | 4' | Humidity/temperature | Current | \$267.00 |
| RHU-R008 | 8' | Humidity | Current | 256.00 | RHT-R008 | 8' | Humidity/temperature | Current | 267.00 |
| RHU-R012 | 12' | Humidity | Current | 256.00 | RHT-R012 | 12' | Humidity/temperature | Current | 267.00 |
| RHU-R016 | 16' | Humidity | Current | 256.00 | RHT-R016 | 16' | Humidity/temperature | Current | 267.00 |

SERIES WHT

CATALOG PAGE 33

WEATHER-RESISTANT HUMIDITY/TEMPERATURE TRANSMITTER

Compact Housing, Sintered Filter

| MODEL CHART | | | | |
|-------------|----------|-------------|-----------------------|----------|
| Model | Accuracy | RH Output | Temperature | Price |
| WHT-310 | 3% | 4 to 20 mA | None | \$107.00 |
| WHT-311 | 3% | 4 to 20 mA | 4 to 20 mA | 117.00 |
| WHT-320 | 3% | 0 to 10 VDC | None | 107.00 |
| WHT-322 | 3% | 0 to 10 VDC | 0 to 10 VDC | 117.00 |
| WHT-330 | 3% | 0 to 5 VDC | None | 107.00 |
| WHT-333 | 3% | 0 to 5 VDC | 0 to 5 VDC | 117.00 |
| WHT-31A | 3% | 4 to 20 mA | 10K Ω Type III | 117.00 |
| WHT-32A | 3% | 0 to 10 VDC | 10K Ω Type III | 117.00 |

Note: For 2% accuracy, change the leading 3 to a 2.
Example: WHT-210.

SERIES 657

CATALOG PAGE 33

RELATIVE HUMIDITY/TEMPERATURE TRANSMITTER

Dual Channel Design for Simultaneous 4 to 20 mA Output Signals

| MODEL CHART | | |
|-------------|--|----------|
| Model | Description | Price |
| 657-1 | RH/temperature transmitter | \$297.00 |
| 657C-1 | RH/temperature transmitter - conduit housing | 329.00 |

| OPTIONS | | |
|----------------------|---|----------|
| To order add suffix: | Description | Price |
| -NIST | NIST traceable humidity calibration certificate | \$121.00 |

Example: 657C-1-NIST

| ACCESSORIES | | |
|-------------|----------------|---------|
| Model | Description | Price |
| A-158 | Split flange | \$13.75 |
| A-159 | Mounting gland | 28.00 |

SERIES CDT

CATALOG PAGE 34

CARBON DIOXIDE/TEMPERATURE TRANSMITTER

NDIR CO₂ Sensor, Universal Outputs, Optional Relay

| MODEL CHART | | | | | | |
|--------------------|-----|--------|-------------|--------------------------------------|-------------------------|--|
| Example | CDT | -2 | N | 4 | -LCD | CDT-2N44-LCD |
| Series | CDT | | | | | Carbon dioxide/temperature transmitter |
| Range | | 2 5 | | | | 0 to 2000 ppm CO ₂ range 0 to 5000 ppm CO ₂ range |
| Configuration | | | N E D | | | North American style wall mount European style wall mount Duct mount |
| CO ₂ | | | | 4 | | 4 to 20 mA / 0 to (5 or 10) VDC |
| Temperature Output | | | | 0 4 A B C D E F | | None 4 to 20 mA / 0 to (5 or 10) VDC 10 K Ω NTC thermistor type III 10 K Ω NTC thermistor type II 3 K Ω NTC thermistor Pt100 Ω RTD Pt1000 Ω RTD 20 K Ω NTC thermistor |
| Options | | | | | FC LCD RLY NBC | Factory calibration certificate LCD display (wall only) Relay No buttons (wall only) |

| ACCESSORIES | | |
|-------------------|--|-------------------------|
| Model | Description | Price |
| GCK-200CO-2000CO2 | Calibration gas kit includes a 99.99% nitrogen gas cylinder for calibrating the zero point and a 200 PPM CO / 2000 PPM CO ₂ gas cylinder for calibrating the span point on Dwyer's gas sensing transmitters. Remote LCD display allows remote indication of select Dwyer® wall mount transmitters for validation or certification purposes. | \$356.00 ^(N) |
| A-449 | Remote LCD display with buttons allows remote indication and calibration of select Dwyer® wall mount transmitters for validation and certification purposes. Accessory kit including terminal block and power supply. | 50.00 |
| A-449A | | 100.00 |
| A-CDT-KIT | | 35.00 ^(N) |

^(N) Items are net priced and are not subject to any discount.

COMMUNICATING CARBON DIOXIDE DETECTOR

Measures CO₂, Humidity, Temperature, Temperature Set Point, and Override

| MODEL CHART | | | | |
|----------------|-------------------------------|----------------|---------|-----------------|
| Model | CO ₂ Concentration | Housing Style | Display | Price |
| CDTA-2N000 | 2000 PPM | North American | No | \$309.00 |
| CDTA-2N000-LCD | 2000 PPM | North American | Yes | 359.00 |
| CDTA-2E000 | 2000 PPM | European | No | 309.00 |
| CDTA-2E000-LCD | 2000 PPM | European | Yes | 359.00 |
| CDTA-5N000 | 5000 PPM | North American | No | 309.00 |
| CDTA-5N000-LCD | 5000 PPM | North American | Yes | 359.00 |
| CDTA-5E000 | 5000 PPM | European | No | 309.00 |
| CDTA-5E000-LCD | 5000 PPM | European | Yes | 359.00 |

| OPTIONS | | |
|----------------------|---------------------------------|----------------|
| To order add suffix: | Description | Price |
| -FC | Factory calibration certificate | \$30.00 |

Example: CDTA-2N000-FC

| ACCESSORIES | | |
|-------------------|--|-------------------------------|
| Model | Description | Price |
| GCK-200CO-2000CO2 | Calibration gas kit includes a 99.99% nitrogen gas cylinder for calibrating the zero point and a 200 PPM CO / 2000 PPM CO ₂ gas cylinder for calibrating the span point on Dwyer's gas sensing transmitters | \$356.00^(N) |
| A-449 | Remote LCD display allows remote indication of select Dwyer® wall mount transmitters for validation or certification purposes | 50.00 |
| A-449A | Remote LCD display with buttons allows remote indication and calibration of select Dwyer® wall mount transmitters for validation and certification purposes | 100.00 |
| A-CDT-KIT | Accessory kit including terminal block and power supply | 35.00^(N) |

^(N) Items are net priced and are not subject to any discount.

SERIES CDTR

CATALOG PAGE 36

CARBON DIOXIDE/RH/TEMPERATURE TRANSMITTER

NDIR CO₂ Sensor, Universal CO₂/RH Outputs, Optional Relay

| MODEL CHART | | | | | | | | | |
|------------------------|------|--------|-------------|---|---------------------------------|---|-------------------------|---|---|
| Example | CDTR | -2 | N | 4 | A | 4 | -LCD | CDTR-2N4A4-LCD | Price |
| Series | CDTR | | | | | | | Carbon dioxide/RH/temperature transmitter | - |
| Range | | 2 5 | | | | | | 0 to 2000 ppm CO ₂ range 0 to 5000 ppm CO ₂ range | - - |
| Configuration | | | N E D | | | | | North American style wall mount European style wall mount Duct mount | \$217.00 217.00 253.00 |
| CO ₂ Output | | | | 4 | | | | 4 to 20 mA / 0 to (5 or 10) VDC | - |
| Temperature Output | | | | | 0 A B C D E F | | | None 10K Ω NTC thermistor type III 10K Ω NTC thermistor type II 3K Ω NTC thermistor Pt100 Ω RTD Pt1000 Ω RTD 20K Ω NTC thermistor | - +5.00 +5.00 +6.00 +6.00 +6.00 +5.00 |
| RH Output | | | | | | 4 | | 4 to 20 mA / 0 to (5 or 10) VDC | - |
| Options | | | | | | | FC LCD RLY NBC | Factory calibration certificate LCD display (wall only) Relay No buttons (wall only) | +30.00 +35.00 +10.00 - |

| ACCESSORIES | | |
|-------------------|--|-------------------------------|
| Model | Description | Price |
| GCK-200CO-2000CO2 | Calibration gas kit includes a 99.99% nitrogen gas cylinder for calibrating the zero point and a 200 PPM CO / 2000 PPM CO ₂ gas cylinder for calibrating the span point on Dwyer's gas sensing transmitters | \$356.00^(N) |
| A-449 | Remote LCD display allows remote indication of select Dwyer® wall mount transmitters for validation or certification purposes | 50.00 |
| A-449A | Remote LCD display with buttons allows remote indication and calibration of select Dwyer® wall mount transmitters for validation and certification purposes | 100.00 |
| A-CDT-KIT | Accessory kit including terminal block and power supply | 35.00^(N) |

^(N) Items are net priced and are not subject to any discount.

CARBON DIOXIDE/VOLATILE ORGANIC COMPOUND TRANSMITTER

Simultaneously Outputs Both CO₂ / VOC

| MODEL CHART | | | | | | | | | |
|------------------------|------|----|---|---|---|---|------|-------------------------------------|----------|
| Example | CDTV | -2 | D | 4 | A | 4 | -RLY | CDTV-2D4A4-RLY | Price |
| Series | CDTV | | | | | | | Carbon dioxide/VOC transmitter | \$335.00 |
| Range | | 2 | | | | | | 0 to 2000 ppm CO ₂ range | - |
| | | 5 | | | | | | 0 to 5000 ppm CO ₂ range | - |
| Configuration | | | D | | | | | Duct | 35.00 |
| | | | N | | | | | North American style wall mount | - |
| CO ₂ Output | | | | 4 | | | | 4 to 20 mA / 0 to (5 or 10) VDC | - |
| Temperature Output | | | | | 0 | | | None | - |
| | | | | | A | | | 10 KΩ NTC thermistor type III | +5.00 |
| | | | | | B | | | 10 KΩ NTC thermistor type II | +5.00 |
| | | | | | C | | | 3 KΩ NTC thermistor | +6.00 |
| | | | | | D | | | Pt100 Ω RTD | +6.00 |
| | | | | | E | | | Pt1000 Ω RTD | +6.00 |
| | | | | | F | | | 20 KΩ NTC thermistor | +5.00 |
| VOC Output | | | | | | 4 | | 4 to 20 mA / 0 to (5 or 10) VDC | - |
| Options | | | | | | | RLY | Relay | +10.00 |
| | | | | | | | FC | Factory calibration certificate | +30.00 |
| | | | | | | | LCD | LCD display (wall only) | +35.00 |
| | | | | | | | COC | Certificate of calibration | - |

SERIES CDWP

CATALOG PAGE 38

CARBON DIOXIDE TRANSMITTER

NDIR CO₂ Sensor with Universal Outputs in an Industrial Housing

| MODEL CHART | | | | | | | | | |
|-----------------------|------|-----|---|-----|-----|---------------------------------|--|----------|--|
| Example | CDWP | -05 | W | -M4 | -FC | CDWP-05W-M4 | | Price | |
| Series | CDWP | | | | | Carbon dioxide transmitter | | \$350.00 | |
| Range | | 02 | | | | 2000 PPM | | - | |
| | | 05 | | | | 5000 PPM | | - | |
| | | 10 | | | | 10000 PPM | | - | |
| Mounting | | | W | | | Wall mount | | - | |
| | | | H | | | Suspended mount | | +15.00 | |
| Electrical Connection | | | | C1 | | Cable gland 1 to 6 mm cable | | - | |
| | | | | C5 | | Cable gland 5 to 10 mm cable | | - | |
| | | | | M4 | | M12 connection 4 to 6 mm cable | | +40.00 | |
| | | | | M6 | | M12 connection 6 to 8 mm cable | | +40.00 | |
| Option | | | | | FC | Factory calibration certificate | | +30.00 | |

| ACCESSORIES | | |
|-------------|--------------------------------------|---------|
| Model | Description | Price |
| A-CDWP-L | Replacement lid with filter material | \$25.00 |
| A-CDWP-H | Suspended mount bracket | 15.00 |

SERIES GSTA & GSTC

CATALOG PAGE 39

CARBON MONOXIDE/NITROGEN DIOXIDE GAS TRANSMITTER

High Accuracy Electrochemical Sensor, Universal Output or BACnet or Modbus® Communication Protocol Options

| MODEL CHART | | | | |
|-------------|------|-----|------------------------------------|----------|
| Example | GSTA | -C | GSTA-C | Price |
| Series | GSTA | | Field selectable analog outputs | \$181.00 |
| | GSTC | | Field selectable BACnet or Modbus® | 201.00 |
| Gas Sensed | | C | CO, carbon monoxide | - |
| | | N | NO ₂ , nitrogen dioxide | +150.00 |
| Options | | - | Wall mount without LCD | - |
| | | D | Duct mount | +51.50 |
| | | LCD | Wall mount with LCD | +51.50 |

| ACCESSORIES | | |
|-------------------|------------------------------------|-------------------------|
| Model | Description | Price |
| GCK-200CO-2000CO2 | Calibration gas | \$356.00 ^(N) |
| A-449 | Remote LCD display | 50.00 |
| A-505 | CO replacement sensor | 50.00 ^(N) |
| A-506 | NO ₂ replacement sensor | 135.00 ^(N) |
| A-507 | Calibration adaptor | 50.00 ^(N) |

^(N) Items are net priced and are not subject to any discount.

SERIES CMT200

CATALOG PAGE 40

CARBON MONOXIDE TRANSMITTER

Current/Voltage Selectable Output, 200 PPM Range

| MODEL CHART | | |
|-------------|---|----------|
| Model | Description | Price |
| CMT200 | Carbon monoxide transmitter | \$124.00 |
| CMT200-R | Carbon monoxide transmitter with rugged housing | 129.00 |

| ACCESSORIES | | |
|-------------------|------------------------------------|-------------------------|
| Model | Description | Price |
| GCK-200CO-2000CO2 | Calibration gas | \$356.00 ^(N) |
| A-505 | Replacement Carbon Monoxide Sensor | 50.00 |
| A-507A | Calibration adaptor | 35.00 ^(N) |

^(N) Items are net priced and are not subject to any discount.

OCCUPANCY SENSOR

Wide Viewing Angle, Easy To Install

| MODEL CHART | | |
|-------------|----------------------------------|---------|
| Model | Description | Price |
| OSC-200 | Omnidirectional occupancy sensor | \$86.50 |
| OSW-100 | Wall mount occupancy sensor | 75.50 |

SERIES AVUL

CATALOG PAGE 41

AIR VELOCITY TRANSMITTER

3% and 5% Models, Optional BACnet or Modbus® Communication Protocols

| MODEL CHART | | |
|---------------|--|----------|
| Model | Description | Price |
| AVUL-5DA1 | Air velocity transmitter, 5% accuracy, duct mount, Universal current/voltage outputs | \$140.00 |
| AVUL-5DA1-LCD | Air velocity transmitter, 5% accuracy, duct mount, Universal current/voltage outputs, with LCD | 176.00 |
| AVUL-5DB1 | Air velocity transmitter, 5% accuracy, duct mount, BACnet communications | 230.00 |
| AVUL-5DB1-LCD | Air velocity transmitter, 5% accuracy, duct mount, BACnet communications, with LCD | 266.00 |
| AVUL-5DM1 | Air velocity transmitter, 5% accuracy, duct mount, Modbus® communications | 230.00 |
| AVUL-5DM1-LCD | Air velocity transmitter, 5% accuracy, duct mount, Modbus® communications, with LCD | 266.00 |
| AVUL-3DA1 | Air velocity transmitter, 3% accuracy, duct mount, Universal current/voltage outputs | 225.00 |
| AVUL-3DA1-LCD | Air velocity transmitter, 3% accuracy, duct mount, Universal current/voltage outputs, with LCD | 261.00 |
| AVUL-3DB1 | Air velocity transmitter, 3% accuracy, duct mount, BACnet communications | 300.00 |
| AVUL-3DB1-LCD | Air velocity transmitter, 3% accuracy, duct mount, BACnet communications, with LCD | 336.00 |
| AVUL-3DM1 | Air velocity transmitter, 3% accuracy, duct mount, Modbus® communications | 300.00 |
| AVUL-3DM1-LCD | Air velocity transmitter, 3% accuracy, duct mount, Modbus® communications, with LCD | 336.00 |

| ACCESSORIES | | |
|---|---|---------------------|
| Model | Description | Price |
| A-151 | Cable gland for 5 to 10 mm diameter cable | \$2.50 [ⓑ] |
| A-435-A | Remote display tool | 67.00 |
| A-AVUL-LCD | Field upgradeable display | 36.25 |
| A-AVUL-MTG | Replacement mounting flange | 5.00 |
| SCD-PS | 100 to 240 VAC/VDC to 24 VDC power supply | 30.00 [ⓑ] |
| [ⓑ] Items are subject to Schedule B discounts. | | |

SERIES 641

CATALOG PAGE 42

AIR VELOCITY TRANSMITTER

High Accuracy, Field Selectable Ranges

| MODEL CHART | | |
|-------------|----------------|----------|
| Model | Probe Length* | Price |
| 641-6 | 6" (152.4 mm) | \$464.00 |
| 641-6-LED | 6" (152.4 mm) | 594.00 |
| 641-12 | 12" (304.8 mm) | 464.00 |
| 641-12-LED | 12" (304.8 mm) | 594.00 |
| 641-18 | 18" (457.2 mm) | 464.00 |
| 641-18-LED | 18" (457.2 mm) | 594.00 |
| 641-24 | 24" (609.6 mm) | 464.00 |
| 641-24-LED | 24" (609.6 mm) | 594.00 |

*Other probe lengths available contact factory.

| ACCESSORIES | | |
|-------------|---|---------|
| Model | Description | Price |
| A-156 | Universal mounting plate, 1/2" female NPT | \$16.25 |
| A-158 | Split flange mounting kit | 13.75 |
| A-159 | Duct mounting gland | 28.00 |
| 641-LED | Field-upgradeable LED | 130.00 |

| OPTIONS | | |
|----------------------|--|----------|
| To order add suffix: | Description | Price |
| -NIST | NIST traceable calibration certificate | \$215.00 |
| Example: 641-6-NIST | | |

SERIES AVFS

CATALOG PAGE 43

AIR FLOW SWITCH

Monitors Flow in Ducts with Contact Output and Local LED Indication

| MODEL CHART | | |
|---|---|-----------------------|
| Model | Description | Price |
| AVFS-1 | 80-250 AC/DC power thermo air flow switch | \$250.00 [ⓑ] |
| AVFS-2 | 24 VDC power thermo air flow switch | 250.00 [ⓑ] |
| [ⓑ] Items are subject to Schedule B discounts. | | |

ADJUSTABLE AIR FLOW PADDLE SWITCH

Ranges from 200 to 1800 FPM, Stainless Steel Vane, ABS Housing

| MODEL CHART | | |
|-------------|-----------------------------------|---------|
| Model | Description | Price |
| AAFS | Adjustable air flow paddle switch | \$70.50 |

MODEL 670

CATALOG PAGE 44

FUME HOOD MONITOR

Ensures Proper Fume Hood Performance

| MODEL CHART | | |
|-------------|-------------------|-------------------------|
| Model | Description | Price |
| 670 | Fume hood monitor | \$471.00 ^(B) |

^(B) Items are subject to Schedule B discounts.

SERIES AFG

CATALOG PAGE 44

AVERAGING FLOW GRID

Cost Effective Air Flow Station for Ducts up to 60"

| MODEL CHART | | | |
|-------------|--------------------------------|-------------------------|-------------------------|
| Model | Diameter Tube (Dim. A) in (mm) | Length (Dim. B) in (mm) | Price |
| AFG-1 | 5/16 (8) | 27 (688) | \$433.00 ^(B) |
| AFG-2 | 5/8 (16) | 59-4/5 (1518) | 567.00 ^(B) |

^(B) Items are subject to Schedule B discounts.

SERIES MAFS

CATALOG PAGE 47

METAL AVERAGING FLOW SENSOR

Blade Profile Provides Enhanced Performance and Minimal Flow Disruption

| MODEL CHART | | | | | | | | | | | |
|-------------|-------------------|---------|---------|-------------------|----------|------------|-------------------|---------|-------------|-------------------|----------|
| Model | Probe Length (in) | Price | Model | Probe Length (in) | Price | Model | Probe Length (mm) | Price | Model | Probe Length (mm) | Price |
| MAFS-4 | 4 | \$47.00 | MAFS-24 | 24 | \$107.00 | MAFS-100MM | 100 | \$47.00 | MAFS-550MM | 550 | \$101.00 |
| MAFS-6 | 6 | 53.00 | MAFS-26 | 26 | 113.00 | MAFS-125MM | 125 | 50.00 | MAFS-600MM | 600 | 107.00 |
| MAFS-8 | 8 | 59.00 | MAFS-28 | 28 | 119.00 | MAFS-160MM | 160 | 54.50 | MAFS-630MM | 630 | 110.00 |
| MAFS-10 | 10 | 65.00 | MAFS-30 | 30 | 125.00 | MAFS-200MM | 200 | 59.00 | MAFS-650MM | 650 | 113.00 |
| MAFS-12 | 12 | 71.00 | MAFS-32 | 32 | 131.00 | MAFS-250MM | 250 | 65.00 | MAFS-750MM | 750 | 125.00 |
| MAFS-14 | 14 | 77.00 | MAFS-34 | 34 | 137.00 | MAFS-300MM | 300 | 71.00 | MAFS-800MM | 800 | 129.50 |
| MAFS-16 | 16 | 83.00 | MAFS-36 | 36 | 143.00 | MAFS-315MM | 315 | 72.50 | MAFS-1000MM | 1000 | 153.50 |
| MAFS-18 | 18 | 89.00 | MAFS-40 | 40 | 155.00 | MAFS-400MM | 400 | 83.00 | MAFS-1500MM | 1500 | 212.00 |
| MAFS-20 | 20 | 95.00 | MAFS-48 | 48 | 179.00 | MAFS-450MM | 450 | 89.00 | MAFS-2000MM | 2000 | 272.00 |
| MAFS-22 | 22 | 101.00 | | | | MAFS-500MM | 500 | 95.00 | | | |

SERIES PAFS-1000

CATALOG PAGE 47

AVERAGING FLOW SENSORS

Ideal for Sensing Fan Flow Rates

| MODEL CHART | | | | | |
|-------------|-------------------------|--------|-----------|-------------------------|---------|
| Model | Length (Dim. A) in (cm) | Price | Model | Length (Dim. A) in (cm) | Price |
| PAFS-1002 | 3-5/32 (8.02) | \$7.50 | PAFS-1007 | 14-3/4 (37.47) | \$35.25 |
| PAFS-1003 | 5-13/32 (13.73) | 8.80 | PAFS-1008 | 17-1/8 (43.50) | 35.25 |
| PAFS-1004 | 7-21/32 (19.55) | 11.00 | PAFS-1009 | 19-13/32 (49.29) | 44.50 |
| PAFS-1005 | 9-29/32 (25.26) | 14.00 | PAFS-1010 | 21-21/32 (55.01) | 48.50 |
| PAFS-1006 | 12-1/2 (31.75) | 30.00 | PAFS-1011 | 23-29/32 (60.72) | 54.00 |

WIRELESS OCCUPANCY SENSOR

With EnOcean® Technology, Ceiling or Wall Mount

| MODEL CHART | | | | |
|-------------|----------|---------|-------------------------|----------|
| Model | Mounting | RF | Approvals | Price |
| EOSCU-W-EO | Ceiling | 902 MHz | FCC, IC (North America) | \$150.00 |
| EOSWU-W-EO | Wall | 902 MHz | FCC, IC (North America) | 128.00 |
| EOSCA-W-EO | Ceiling | 868 MHz | CE, IC (Europe) | 150.00 |
| EOSWA-W-EO | Wall | 868 MHz | CE, IC (Europe) | 128.00 |

| ACCESSORIES | | |
|-------------|----------------------------|---------|
| Model | Description | Price |
| USB-300U | Wireless Receiver, 902 MHz | \$72.00 |
| USB-300 | Wireless Receiver, 868 MHz | 72.00 |

SERIES USB-300

CATALOG PAGE 48

USB WIRELESS RECEIVER

902 or 868 MHz Communications, EnOcean® Software Interface

| MODEL CHART | | |
|-------------|-------------------------|---------|
| Model | Description | Price |
| USB-300U | North American, 902 MHz | \$72.00 |
| USB-300 | European, 868 MHz | 72.00 |

SERIES IEF

CATALOG PAGE 49

INSERTION ELECTROMAGNETIC FLOW TRANSMITTER

Field Configurable, High Accuracy, BACnet or Modbus® Protocol

| MODEL CHART | | | | | | |
|------------------------------|-----|----|---|------|------|---|
| Example | IEF | -H | N | -CND | -LCD | IEF-HN-CND-LCD |
| Series | IEF | | | | | Insertion electromagnetic flow transmitter |
| Accuracy | | H | | | | High accuracy; 1% of reading |
| | | S | | | | High accuracy with CC option |
| | | | | | | Standard accuracy; 1% FS |
| Process Connection | | | N | | | 1" NPT |
| | | | B | | | 1" BSPT |
| Electrical Housing Connector | | | | CND | | 1/2" female NPT |
| | | | | PG | | PG 16 gland |
| | | | | 10 | | PG 16 gland with (2) 10' (3 m) plenum rated cables |
| Options | | | | | LCD | Integral LCD |
| | | | | | COM | BACnet or Modbus® communication protocol (display selectable) |
| | | | | | NIST | Six point NIST traceable calibration certificate |
| | | | | | FC | Factory calibration certificate for 0.5% of reading at single point |
| | | | | | CC* | Custom configured for specific installation |
| | | | | | NW | NSF Certified |

*Must provide completed configuration.

| ACCESSORIES | | |
|--------------|--|-----------|
| Model | Description | Price |
| A-IEF-KIT | Setup kit (includes setup display, thickness gage and measuring tape), and universal power adapter | \$1000.00 |
| A-IEF-DSP | Setup display | 550.00 |
| A-IEF-CBL-50 | Plenum rated cable 50 ft (15.2 m) | 85.00 |
| A-IEF-VLV-BR | 1-1/4" full port isolation valve brass** | 250.00 |
| A-IEF-VLV-SS | 1-1/4" full port isolation valve 316 SS | 500.00 |
| A-IEF-INGD | Installation alignment kit | 100.00 |
| A-IEF-PA | AC wall adapter | 100.00 |

**Brass fittings and pipe are not to be used with NSF Certified models.

FLANGED ELECTROMAGNETIC FLOW SENSOR

No Moving Parts, Minimal Straight Pipe Requirement, Unobstructed Flow

| MODEL CHART | | | | | | | | | |
|--|------|----------------------|--|---|------------------|----------------------------|---|--|--|
| Example | FLMG | -04 | -GM | -GAL | -H | -15 | FLMG-04-GM-GAL-H-15 | Price | |
| Series | FLMG | | | | | | Flanged electromagnetic flow sensor | \$2527.00 ^(B) | |
| Power/Size | | 04 06 08 10 | | | | | DC powered 4" pipe DC powered 6" pipe DC powered 8" pipe DC powered 10" pipe | +162.00 ^(B) +374.00 ^(B) +704.00 ^(B) +1203.00 ^(B) | |
| Rate/Measurement | | | GM LM LS FM MH GD LD | | | | Gallon/minute Liter/minute Liter/second Cubic foot/minute Cubic meter/day Million gallon/day Mega liter/day | | |
| Total Measurement | | | | GAL GLX LIT LTX MLT CMT CMX CFT CFX | | | Gallon Gallon x 1000 Liter Liter x 1000 Mega liter Cubic meter Cubic meter x 1000 Cubic feet Cubic feet x 1000 | | |
| Pulse Rate | | | | | H 1 2 4 | | High frequency* required with use with Series BAT and RTI 10 units*/pulse 100 units*/pulse 1000 units*/pulse | | |
| Options | | | | | | 15 30 45 60 DL | Factory-installed power/output cable, 15 m (50 ft)** Factory-installed power/output cable, 30 m (100 ft)** Factory-installed power/output cable, 45 m (150 ft)** Factory-installed power/output cable, 60 m (200 ft)** Internal data logger | +192.00 ^(B) +325.00 ^(B) +482.00 ^(B) +638.00 ^(B) +238.00 ^(B) | |
| *Units: Gal or liter depending on (rate/total unit) selection rate measurement | | | | | | | | | |
| **20-foot (6 m) cable standard | | | | | | | | | |
| ***Display is standard | | | | | | | | | |
| (B) Items are subject to Schedule B discounts. | | | | | | | | | |

SERIES TUF

ULTRASONIC ENERGY METER

Flow & Temperature Monitoring Capability, Modbus[®] or BACnet Communication

| MODEL CHART | | | | | | | | | | | |
|-------------------------------|------------|-----------|-----|--------------|---------------------|------------------|---------------|-------------------------|---------------|----------------|----------|
| Ultrasonic Energy Meter Model | Body Size† | Pipe Size | | Fitting Size | Communication | Meter Connection | GPM (LPM) | | | Weight lb (kg) | Price |
| | | in | mm | | | | Min Flow (Qi) | Nominal Flow Range (Qp) | Max Flow (Qs) | | |
| TUF-150-MD | DN15 | 1/2 | 15 | A | Modbus [®] | G-3/4 | 0.1 (0.5) | 6.6 (25) | 13 (50) | 3.1 (1.4) | \$478.00 |
| TUF-200-MD | DN20 | 3/4 | 20 | B | Modbus [®] | G1 | 0.2 (0.8) | 11 (42) | 22 (83) | 3.1 (1.4) | 478.00 |
| TUF-250-MD | DN25 | 1 | 25 | C | Modbus [®] | G1-1/4 | 0.3 (1.2) | 15 (58) | 31 (117) | 4.1 (1.8) | 526.00 |
| TUF-320-MD | DN32 | 1-1/4 | 32 | D | Modbus [®] | G1-1/2 | 0.5 (2) | 26 (100) | 53 (200) | 5.2 (2.3) | 673.00 |
| TUF-400-MD | DN40 | 1-1/2 | 40 | E | Modbus [®] | G2 | 0.9 (3) | 44 (167) | 88 (333) | 6.6 (3) | 779.00 |
| TUF-500-MD* | DN50 | 2 | 50 | - | Modbus [®] | Flange | 1.3 (5) | 66 (250) | 132 (500) | 33 (15) | 1774.00 |
| TUF-650-MD | DN65 | 2-1/2 | 65 | - | Modbus [®] | Flange | 2.2 (8.3) | 110 (417) | 220 (833) | 10.1 (4.6) | 1914.00 |
| TUF-800-MD | DN80 | 3 | 80 | - | Modbus [®] | Flange | 3.5 (13.3) | 176 (667) | 352 (1333) | 13.5 (6.1) | 2269.00 |
| TUF-1000-MD | DN100 | 4 | 100 | - | Modbus [®] | Flange | 5.3 (20) | 264 (1000) | 528 (2000) | 16.5 (7.5) | 2728.00 |
| TUF-1250-MD | DN125 | 5 | 125 | - | Modbus [®] | Flange | 8.8 (33) | 440 (1667) | 881 (3333) | 21.1 (9.6) | 3584.00 |
| TUF-150-BN | DN15 | 1/2 | 15 | A | BACnet | G-3/4 | 0.1 (0.5) | 6.6 (25) | 13 (50) | 3.1 (1.4) | 478.00 |
| TUF-200-BN | DN20 | 3/4 | 20 | B | BACnet | G2 | 0.2 (0.8) | 11 (42) | 22 (83) | 3.1 (1.4) | 478.00 |
| TUF-250-BN | DN25 | 1 | 25 | C | BACnet | G1-1/4 | 0.3 (1.2) | 15 (58) | 31 (117) | 4.1 (1.8) | 526.00 |
| TUF-320-BN | DN32 | 1-1/4 | 32 | D | BACnet | G1-1/2 | 0.5 (2) | 26 (100) | 53 (200) | 5.2 (2.3) | 673.00 |
| TUF-400-BN | DN40 | 1-1/2 | 40 | E | BACnet | G2 | 0.9 (3) | 44 (167) | 88 (333) | 6.6 (3) | 779.00 |
| TUF-500-BN* | DN50 | 2 | 50 | - | BACnet | Flange | 1.3 (5) | 66 (250) | 132 (500) | 33 (15) | 1774.00 |
| TUF-650-BN | DN65 | 2-1/2 | 65 | - | BACnet | Flange | 2.2 (8.3) | 110 (417) | 220 (833) | 10.1 (4.6) | 1914.00 |
| TUF-800-BN | DN80 | 3 | 80 | - | BACnet | Flange | 3.5 (13.3) | 176 (667) | 352 (1333) | 13.5 (6.1) | 2269.00 |
| TUF-1000-BN | DN100 | 4 | 100 | - | BACnet | Flange | 5.3 (20) | 264 (1000) | 528 (2000) | 16.5 (7.5) | 2728.00 |
| TUF-1250-BN | DN125 | 5 | 125 | - | BACnet | Flange | 8.8 (33) | 440 (1667) | 881 (3333) | 21.1 (9.6) | 3584.00 |

*A pipe fitting is required to use the DN15 to DN40 energy meters. The DN50 has a flange connection and does not require a pipe fitting.
†For additional sizes up to 8" (203.2 mm) contact factory.

| MODEL CHART | | | | | | | | | |
|--------------|---------------------|-------------------------|----------------|--------|--------------|---------------------|-------------------------|----------------|---------|
| Fitting Size | Pipe Fitting Model* | Process Connection Size | Weight lb (kg) | Price | Fitting Size | Pipe Fitting Model* | Process Connection Size | Weight lb (kg) | Price |
| A | WM-ACC-C01 | 1/2" NPT | 0.6 (0.3) | \$7.40 | C | WM-ACC-C13 | 1" BSPT | 1.8 (0.8) | \$22.00 |
| A | WM-ACC-C11 | 1/2" BSPT | 0.6 (0.3) | 7.40 | D | WM-ACC-C04 | 1-1/4" NPT | 2.3 (1.1) | 33.00 |
| B | WM-ACC-C02 | 3/4" NPT | 1.2 (0.5) | 12.00 | D | WM-ACC-C14 | 1-1/4" BSPT | 2.3 (1.1) | 33.00 |
| B | WM-ACC-C12 | 3/4" BSPT | 1.2 (0.5) | 12.00 | E | WM-ACC-C05 | 1-1/2" NPT | 4.4 (2) | 45.25 |
| C | WM-ACC-C03 | 1" NPT | 1.8 (0.8) | 22.00 | E | WM-ACC-C15 | 1-1/2" BSPT | 4.4 (2) | 45.25 |

*Each model includes 1 fitting.

PADDLEWHEEL FLOW SENSOR

Non-Magnetic Sensing, Adjustable for 1-1/2 to 40" (38.1 to 1016 mm) Pipe, Pulse or 4 to 20 mA

| MODEL CHART | | | | |
|----------------|---------------|------------|---|----------|
| Model | Body Material | Output | Description | Price |
| PFT-IAN-B111-S | Brass | 4 to 20 mA | 1-1/2" NPT connection, FKM seals, tungsten-carbide shaft, PTFE bearing, 20' of cable | \$415.00 |
| PFT-IAN-S111-S | 316 SS | 4 to 20 mA | 1-1/2" NPT connection, FKM seals, tungsten-carbide shaft, PTFE bearing, 20' of cable | 614.00 |
| PFT-IDN-B111-S | Brass | Pulse | 1-1/2" NPT connection, FKM seals, tungsten-carbide shaft, PTFE bearing, 20' of cable | 415.00 |
| PFT-IDN-S111-S | 316 SS | Pulse | 1-1/2" NPT connection, FKM seals, tungsten-carbide shaft, PTFE bearing, 20' of cable | 614.00 |
| PFT-IAN-B311-S | Brass | 4 to 20 mA | 1-1/2" BSPT connection, FKM seals, tungsten-carbide shaft, PTFE bearing, 20' of cable | 415.00 |
| PFT-IAN-S311-S | 316 SS | 4 to 20 mA | 1-1/2" BSPT connection, FKM seals, tungsten-carbide shaft, PTFE bearing, 20' of cable | 614.00 |
| PFT-IDN-B311-S | Brass | Pulse | 1-1/2" BSPT connection, FKM seals, tungsten-carbide shaft, PTFE bearing, 20' of cable | 415.00 |
| PFT-IDN-S311-S | 316 SS | Pulse | 1-1/2" BSPT connection, FKM seals, tungsten-carbide shaft, PTFE bearing, 20' of cable | 614.00 |

Consult factory for longer cable lengths, burial rated cable, 2" NPT connection, or other wetted materials.

SERIES WMH

CATALOG PAGE 53

MULTI-JET HOT WATER METER

High Temperature Threshold, Pulsed Output

| MODEL CHART | | | | | | | | |
|---------------|-------------|---------------|--------------------------|--------------------|-------------------|-----------------------|------------------------|----------|
| Model | Size | Coupling Size | GPM (Gallons Per Minute) | | | Display Max (Gallons) | Pulse Rate (Gal/Pulse) | Price |
| | | | Max Flow | Nominal Flow Range | Transitional Flow | | | |
| WMH-A-C-01 | 5/8" x 1/2" | 1/2" NPT | 20 | 1 to 20 | 0.25 | 9,999,999.99 | 0.1 | \$112.00 |
| WMH-A-C-02 | 5/8" x 3/4" | 3/4" NPT | 20 | 1 to 20 | 0.25 | 9,999,999.99 | 0.1 | 114.00 |
| WMH-A-C-03 | 3/4" SL | 3/4" NPT | 30 | 2 to 30 | 0.5 | 9,999,999.99 | 0.1 | 139.00 |
| WMH-A-C-06 | 1" | 1" NPT | 50 | 3 to 50 | 0.75 | 9,999,999.99 | 0.1 | 184.00 |
| WMH-A-C-01-1 | 5/8" x 1/2" | 1/2" NPT | 20 | 1 to 20 | 0.25 | 9,999,999.99 | 1 | 112.00 |
| WMH-A-C-02-1 | 5/8" x 3/4" | 3/4" NPT | 20 | 1 to 20 | 0.25 | 9,999,999.99 | 1 | 114.00 |
| WMH-A-C-03-1 | 3/4" SL | 3/4" NPT | 30 | 2 to 30 | 0.5 | 9,999,999.99 | 1 | 139.00 |
| WMH-A-C-06-1 | 1" | 1" NPT | 50 | 3 to 50 | 0.75 | 9,999,999.99 | 1 | 184.00 |
| WMH-A-C-07-1 | 1-1/2" | 1-1/2" NPT | 100 | 5 to 100 | 1.5 | 9,999,999.9 | 1 | 347.00 |
| WMH-A-C-08-1 | 2" | 2" NPT | 160 | 8 to 160 | 2 | 9,999,999.9 | 1 | 561.00 |
| WMH-A-C-01-10 | 5/8 x 1/2" | 1/2" NPT | 20 | 1 to 20 | 0.25 | 9,999,999.99 | 10 | 112.00 |
| WMH-A-C-02-10 | 5/8 x 3/4" | 3/4" NPT | 20 | 1 to 20 | 0.25 | 9,999,999.99 | 10 | 114.00 |
| WMH-A-C-03-10 | 3/4" SL | 3/4" NPT | 30 | 2 to 30 | 0.5 | 9,999,999.99 | 10 | 139.00 |
| WMH-A-C-06-10 | 1" | 1" NPT | 50 | 3 to 50 | 0.75 | 9,999,999.99 | 10 | 184.00 |
| WMH-A-C-07-10 | 1-1/2" | 1-1/2" NPT | 100 | 5 to 100 | 1.5 | 9,999,999.9 | 10 | 347.00 |
| WMH-A-C-08-10 | 2" | 2" NPT | 160 | 8 to 160 | 2 | 9,999,999.9 | 10 | 561.00 |

SERIES WNT

CATALOG PAGE 54

MULTI-JET BRASS BODY WATER METER

NSF Certified, Lead Free, Economical

| MODEL CHART | | | | | | | | |
|--------------|-------------|---------------|--------------------------|--------------------|-------------------|-----------------------|------------------------|---------|
| Model | Size | Coupling Size | GPM (Gallons Per Minute) | | | Display Max (Gallons) | Pulse Rate (Gal/Pulse) | Price |
| | | | Max Flow | Nominal Flow Range | Transitional Flow | | | |
| WNT-A-C-01 | 5/8" x 1/2" | 1/2" NPT | 20 | 1 to 20 | 0.25 | 9,999,999.99 | 0.1 | \$87.00 |
| WNT-A-C-02 | 5/8" x 3/4" | 3/4" NPT | 20 | 1 to 20 | 0.25 | 9,999,999.99 | 0.1 | 90.00 |
| WNT-A-C-05 | 3/4" x 1" | 1" NPT | 30 | 2 to 30 | 0.5 | 9,999,999.99 | 0.1 | 137.00 |
| WNT-A-C-06 | 1" | 1" NPT | 50 | 3 to 50 | 0.75 | 9,999,999.99 | 0.1 | 139.00 |
| WNT-A-C-07-1 | 1-1/2" | 1-1/2" NPT | 100 | 5 to 100 | 1.25 | 9,999,999.9 | 1 | 248.00 |
| WNT-A-C-08-1 | 2" | 2" NPT | 160 | 8 to 160 | 2 | 9,999,999.9 | 1 | 363.00 |

MULTI-JET PLASTIC WATER METER

Lead Free, Economical Plastic Body, Pulse Output

| MODEL CHART | | | | | | | | |
|---------------|-------------|---------------|--------------------------|--------------------|-------------------|-----------------------|------------------------|---------|
| Model | Size | Coupling Size | GPM (Gallons Per Minute) | | | Display Max (Gallons) | Pulse Rate (Gal/Pulse) | Price |
| | | | Max Flow | Nominal Flow Range | Transitional Flow | | | |
| WPT-A-C-01 | 5/8" x 1/2" | 1/2" NPT | 20 | 1 to 20 | 0.25 | 9,999,999.99 | 0.1 | \$68.00 |
| WPT-A-C-02 | 5/8" x 3/4" | 3/4" NPT | 20 | 1 to 20 | 0.25 | 9,999,999.99 | 0.1 | 72.00 |
| WPT-A-C-03 | 3/4" x 1" | 1" NPT | 30 | 2 to 30 | 0.5 | 9,999,999.99 | 0.1 | 108.00 |
| WPT-A-C-04 | 1" | 1" NPT | 50 | 3 to 50 | 0.75 | 9,999,999.99 | 0.1 | 114.00 |
| WPT-A-C-01-1 | 1/2" | 1/2" NPT | 20 | 1 to 20 | 0.25 | 9,999,999.99 | 1 | 68.00 |
| WPT-A-C-02-1 | 5/8" x 3/4" | 3/4" NPT | 20 | 1 to 20 | 0.25 | 9,999,999.99 | 1 | 72.00 |
| WPT-A-C-03-1 | 3/4" x 1" | 1" NPT | 30 | 2 to 30 | 0.5 | 9,999,999.99 | 1 | 108.00 |
| WPT-A-C-04-1 | 1" | 1" NPT | 50 | 3 to 50 | 0.75 | 9,999,999.99 | 1 | 114.00 |
| WPT-A-C-05-1 | 1-1/2" | 1-1/2" NPT | 100 | 5 to 100 | 1.5 | 9,999,999.9 | 1 | 221.00 |
| WPT-A-C-01-10 | 1/2" | 1/2" NPT | 20 | 1 to 20 | 0.25 | 9,999,999.99 | 10 | 68.00 |
| WPT-A-C-02-10 | 5/8" x 3/4" | 3/4" NPT | 20 | 1 to 20 | 0.25 | 9,999,999.99 | 10 | 72.00 |
| WPT-A-C-03-10 | 3/4" x 1" | 1" NPT | 30 | 2 to 30 | 0.5 | 9,999,999.99 | 10 | 108.00 |
| WPT-A-C-04-10 | 1" | 1" NPT | 50 | 3 to 50 | 0.75 | 9,999,999.99 | 10 | 114.00 |
| WPT-A-C-05-10 | 1-1/2" | 1-1/2" NPT | 100 | 5 to 100 | 1.5 | 9,999,999.9 | 10 | 221.00 |

MODEL UFM

CATALOG PAGE 56

COMPACT ULTRASONIC FLOWMETER

Cost Effective, Compact & Adjustable Design, Non-Invasive

| MODEL CHART | | |
|-------------|------------------------------|------------------------|
| Model | Description | Price |
| UFM-1 | Compact ultrasonic flowmeter | \$2082.00 ^⑧ |

^⑧ Items are subject to Schedule B discounts.

| OPTIONS | | |
|-----------------|--|----------|
| Use order code: | Description | Price |
| NISTCAL-FU | NIST traceable calibration certificate | \$300.00 |

MODEL UTG

CATALOG PAGE 56

ULTRASONIC THICKNESS GAGE

Ideal For Use with Ultrasonic Flow Transmitters, Adjustable Sound Velocity

| MODEL CHART | | |
|-------------|---------------------------|-----------------------|
| Model | Description | Price |
| UTG | Ultrasonic thickness gage | \$258.00 ^⑧ |

^⑧ Items are subject to Schedule B discounts.

SERIES UFB & UFC

CATALOG PAGE 57

ULTRASONIC FLOWMETER SET

Non-Invasive Pipe Flow Measurement, Easy Operation and Data Logging Option

| MODEL CHART - STANDARD VERSION | | | |
|--------------------------------|-------------------------|---------------|------------------------|
| Model | Pipe Size Range in (mm) | Power Supply | Price |
| UFB-122 | 0.5 to 4.5 (13 to 115) | 86 to 264 VAC | \$3259.00 ^⑧ |
| UFB-123 | 2 to 79 (50 to 2000) | 86 to 264 VAC | 3351.00 ^⑧ |
| UFB-222 | 0.5 to 4.5 (13 to 115) | 24 VAC/VDC | 3259.00 ^⑧ |
| UFB-223 | 2 to 79 (50 to 2000) | 24 VAC/VDC | 3351.00 ^⑧ |

^⑧ Items are subject to Schedule B discounts.

| MODEL CHART - DATA LOGGING VERSION | | | |
|------------------------------------|-------------------------|---------------|------------------------|
| Model | Pipe Size Range in (mm) | Power Supply | Price |
| UFC-122 | 0.5 to 4.5 (13 to 115) | 86 to 264 VAC | \$3909.00 ^⑧ |
| UFC-123 | 2 to 79 (50 to 2000) | 86 to 264 VAC | 4002.00 ^⑧ |
| UFC-222 | 0.5 to 4.5 (13 to 115) | 24 VDC/VAC | 3909.00 ^⑧ |
| UFC-223 | 2 to 79 (50 to 2000) | 24 VDC/VAC | 4002.00 ^⑧ |

^⑧ Items are subject to Schedule B discounts.

| OPTIONS | | |
|-----------------|--|----------|
| Use order code: | Description | Price |
| NISTCAL-FU | NIST traceable calibration certificate | \$300.00 |



VANE FLOW SWITCH

Low Cost, Field Adjustable Set Point and Paddle

| MODEL CHART | | |
|-------------|--------------------|---------|
| Model | Description | Price |
| FS-2 | Paddle flow switch | \$50.00 |

FLOTECT® VANE OPERATED FLOW SWITCH

Magnetic Linkage, UL Approved

| MODEL CHART | | |
|-------------|---------------|---------|
| Model | Body Material | Price |
| V7-WBS-30N | Brass | \$74.50 |
| V7-WSS-30N | 316 SS | 90.50 |

FLOTECT® MINI-SIZE FLOW SWITCH

Proof of Flow or No Flow in 1/2 to 2" Pipe, Cost Effective, Leak Proof Body, Weatherproof

| MODEL CHART | | | | |
|-------------|---------------|-----------------|-------------------------|---------|
| Model | Body Material | Connection Type | Switch Configuration | Price |
| V10 | Brass | NPT | Normally open or closed | \$49.50 |
| V10SS | 303 SS | NPT | Normally open or closed | 76.50 |
| V10-BSPT | Brass | BSPT | Normally open or closed | 49.50 |
| V10SS-BSPT | 303 SS | BSPT | Normally open or closed | 76.50 |

FLOTECT® VANE OPERATED FLOW SWITCH

Field Adjustable — 1 to 6 Inch Pipe, Leak Proof Body, Chemical Resistance

| OPTIONS | | |
|----------------------|--|----------|
| To order add suffix: | Description | Price |
| -MV | Gold plated contacts, for dry circuits; rated 1A @ 125 VAC; 1A resistive, 0.5A inductive @ 30 VDC | +\$12.75 |
| Example: V8-MV | | |
| -INC | Inconel® alloy option; Inconel® alloy replaces standard 316 SS wetted parts; wetted parts are Inconel® alloy, ceramic 8, and polyphenylene sulfide | +25.00 |
| Example: V8-INC | | |
| -WP | Weatherproof enclosure; optional housing is phenylpolioxide and provides weatherproof protection for electrical wiring; not UL approved | +24.25 |
| Example: V8-WP | | |
| -WP2 | Optional housing is aluminum and provides weatherproof protection for electrical wiring; not UL approved | +24.25 |
| Example: V8-WP2 | | |

| MODEL CHART | | |
|-------------|-------------|---------|
| Model | Description | Price |
| V8 | Flow switch | \$65.00 |

SUBMERSIBLE LEVEL TRANSMITTERS

Perfect for Ground Water and Wells, Lightning Protected, Standard 72 Hour Lead Time

| MODEL CHART | | | | |
|------------------|----------------------------------|------------------------|--------------|----------|
| Model | Range psi* (ft w.c.) [m w.c.] | Cable Length ft (m) | Cable Type | Price |
| SBLT2-5-40-ETFE | 5 (11.54) [3.52] | 40 (12.2) | ETFE | \$386.00 |
| SBLT2-10-40-ETFE | 10 (23.09) [7.04] | 40 (12.2) | ETFE | 386.00 |
| SBLT2-15-60-ETFE | 15 (34.63) [10.56] | 60 (18.3) | ETFE | 474.00 |
| SBLT2-20-60-ETFE | 20 (46.18) [14.08] | 60 (18.3) | ETFE | 474.00 |
| SBLT2-5-40 | 5 (11.54) [3.52] | 40 (12.2) | Polyurethane | 274.00 |
| SBLT2-10-40 | 10 (23.09) [7.04] | 40 (12.2) | Polyurethane | 274.00 |
| SBLT2-15-60 | 15 (34.63) [10.56] | 60 (18.3) | Polyurethane | 306.00 |
| SBLT2-20-60 | 20 (46.18) [14.08] | 60 (18.3) | Polyurethane | 306.00 |
| SBLT2-3.5M-5M | 4.97 (11.48) [3.5] | 16.40 (5) | Polyurethane | 237.20 |
| SBLT2-5M-10M | 14.21 (32.81) [10] | 32.81 (10) | Polyurethane | 262.80 |
| SBLT2-10M-18M | 25.58 (59.06) [18] | 59.06 (18) | Polyurethane | 306.00 |

*Configured ranges below 5 psi (11.54' w.c.) (3.52 m w.c.) ±1% FS accuracy

Note: For intrinsically safe approval, change model number from SBLT2 to SBLTX and +\$103.00 to above price. For custom ranges or cable lengths, contact the website for pricing.

| ACCESSORIES | | |
|-------------|--|-----------------------|
| Model | Description | Price |
| MTL5541 | Galvanic barrier | \$814.00 ^⑧ |
| MTL7706 | Intrinsically safe zener barrier | 439.00 ^⑧ |
| A-297 | Dessicant filter for vent tube. Removes humidity for protection of the sensor. Changes color to show saturation | 19.00 |
| A-625 | 316 SS cable hanger use with NPT option for attaching chain for easy pulling out of application | 25.00 |

⑧ Items are subject to Schedule B discounts.

| OPTIONS | | |
|---------|-----------------------------|----------|
| Model | Description | Price |
| -P1 | 1/4" NPT male | - |
| -P2 | 1/4" NPT female | - |
| -P3 | 1/4" BSPT male ISO 228 R | +\$10.50 |
| -P4 | 1/4" BSPT female ISO 228 RC | +\$10.50 |
| -P11 | 3/4" clean-out type | +\$15.50 |

SUBMERSIBLE LEVEL TRANSMITTERS

Perfect for Sludge and Slurries, Lightning Protected, Standard 72 Hour Lead Time

| MODEL CHART | | | | |
|------------------|----------------------------------|------------------------|--------------|----------|
| Model | Range psi* (ft w.c.) [m w.c.] | Cable Length ft (m) | Cable Type | Price |
| PBLT2-5-40 | 5 (11.54) [3.52] | 40 (12.2) | ETFE | \$598.00 |
| PBLT2-10-40 | 10 (23.09) [7.04] | 40 (12.2) | ETFE | 598.00 |
| PBLT2-15-60 | 15 (34.63) [10.56] | 60 (18.3) | ETFE | 686.00 |
| PBLT2-20-60 | 20 (46.18) [14.08] | 60 (18.3) | ETFE | 686.00 |
| PBLT2-5-40-PU | 5 (11.54) [3.52] | 40 (12.2) | Polyurethane | 486.00 |
| PBLT2-10-40-PU | 10 (23.09) [7.04] | 40 (12.2) | Polyurethane | 486.00 |
| PBLT2-15-60-PU | 15 (34.63) [10.56] | 60 (18.3) | Polyurethane | 518.00 |
| PBLT2-20-60-PU | 20 (46.18) [14.08] | 60 (18.3) | Polyurethane | 518.00 |
| PBLT2-3.5M-5M-PU | 4.97 (11.48) [3.5] | 16.40 (5) | Polyurethane | 449.20 |
| PBLT2-5M-10M-PU | 7.10 (16.38) [5] | 32.81 (10) | Polyurethane | 474.80 |
| PBLT2-10M-18M-PU | 14.21 (32.78) [10] | 59.06 (18) | Polyurethane | 518.00 |

*Configured ranges below 5 psi (11.54' w.c.) (3.52 m w.c.) ±1% FS accuracy

Note: For intrinsically safe approval, change model number from PBLT2 to PBLTX and +\$103.00 to above price. For custom ranges or cable lengths, contact the website for pricing.

| ACCESSORIES | | |
|-------------|--|-----------------------|
| Model | Description | Price |
| MTL5541 | Galvanic barrier | \$814.00 ^⑧ |
| MTL7706 | Intrinsically safe zener barrier | 439.00 ^⑧ |
| A-297 | Dessicant filter for vent tube. Removes humidity for protection of the sensor. Changes color to show saturation | 19.00 |
| A-625 | 316 SS cable hanger use with NPT option for attaching chain for easy pulling out of application | 25.00 |

⑧ Items are subject to Schedule B discounts.

ULTRASONIC LEVEL TRANSMITTER

Explosion-Proof, Mapping Software, 3" (76.2 mm) Measuring Column

| MODEL CHART | | |
|-------------|---------------|----------|
| Model | Range | Price |
| ULT-11 | 24.6' (7.5 m) | \$986.00 |
| ULT-21 | 32.8' (10 m) | 1181.00 |

ULTRASONIC LEVEL SENSOR

Non-Contact Transmitter, SPST Programmable Relays

| MODEL CHART | | |
|---|---------------|-------------------------|
| Model | Range | Price |
| ULSS-10 | 4.1' (1.25 m) | \$392.00 ^(B) |
| ULSM-10 | 9.8' (3 m) | 503.00 ^(B) |
| ULSL-10 | 18' (5.5 m) | 614.00 ^(B) |
| Note: USB adapter necessary for calibration. One adapter can program multiple units. | | |
| ^(B) Items are subject to Schedule B discounts. | | |

| ACCESSORIES | | |
|---|---|------------------------|
| Model | Description | Price |
| ULS-ACC-USB | USB adapter for calibration, PVC | \$55.50 ^(B) |
| ULS-ACC-121 | 2" x 1" NPT reducer bushing fitting (sch. 40), PVC | 19.50 ^(B) |
| ULS-ACC-122 | 2" x 1" NPT reducer bushing fitting (sch. 80), PVC | 46.50 ^(B) |
| ULS-ACC-131 | 3" x 2" NPT reducer bushing fitting (sch. 40), PVC | 41.25 ^(B) |
| ULS-ACC-132 | 3" x 2" NPT reducer bushing fitting (sch. 80), PVC | 73.00 ^(B) |
| ULS-ACC-142 | 4" x 2" NPT reducer bushing fitting (sch. 80), PVC | 146.00 ^(B) |
| ULS-ACC-221 | 2" socket x 1" NPT reducer bushing fitting (sch. 40), PVC | 10.75 ^(B) |
| ULS-ACC-222 | 2" socket x 1" NPT reducer bushing fitting (sch. 80), PVC | 39.75 ^(B) |
| ULS-ACC-231 | 3" socket x 2" NPT reducer bushing fitting (sch. 40), PVC | 16.00 ^(B) |
| ULS-ACC-232 | 3" socket x 2" NPT reducer bushing fitting (sch. 80), PVC | 120.00 ^(B) |
| ULS-ACC-241 | 4" socket x 2" NPT reducer bushing fitting (sch. 40), PVC | 29.25 ^(B) |
| ULS-ACC-242 | 4" socket x 2" NPT reducer bushing fitting (sch. 80), PVC | 212.00 ^(B) |
| ULS-ACC-510 | 1" NPT polypropylene side mount bracket | 54.00 ^(B) |
| ULS-ACC-520 | 2" NPT polypropylene side mount bracket | 46.50 ^(B) |
| ^(B) Items are subject to Schedule B discounts. | | |

SERIES WD3

CATALOG PAGE 65

WATER LEAK DETECTOR

Battery or External Powered, SPST or DPDT Relays

| MODEL CHART | | | | |
|-------------|-------------|-------------------------------|---------------|---------|
| Model | Output | Power | Audible Alarm | Price |
| WD3-BP-D1-A | SPST NO SSR | Battery | Yes | \$24.00 |
| WD3-LP-D2 | DPDT relay | 24 VAC (±10%) or 11 to 27 VDC | No | 36.50 |
| WD3-LP-D2-A | DPDT relay | 24 VAC (±10%) or 11 to 27 VDC | Yes | 38.00 |

| ACCESSORIES | | |
|--|------------------------------|-----------------------|
| Model | Description | Price |
| A-WD3-BRK | Replacement mounting bracket | \$3.90 ^(N) |
| ^(N) Items are net priced and are not subject to any discount. | | |

SERIES WD | W.E. ANDERSON™ BY DWYER

CATALOG PAGE 65

WATER DETECTOR AND SENSOR TAPE

Detects Low Levels Of Conductive Liquids, Large Measuring Area

| MODEL CHART | | |
|---|-------------------|-------------------------|
| Model | Description | Price |
| WD | Water module | \$164.00 ^(B) |
| TP05 | 5' (1.52 m) tape | 49.00 ^(B) |
| TP10 | 10' (3.05 m) tape | 64.50 ^(B) |
| TP15 | 15' (4.57 m) tape | 99.00 ^(B) |
| TP25 | 25' (7.62 m) tape | 140.00 ^(B) |
| ^(B) Items are subject to Schedule B discounts. | | |

SERIES CFS2 | MERCOID® BY DWYER

CATALOG PAGE 66

CABLE FLOAT SWITCH

Mercury-Free, UL/CSA Approved Options

| MODEL CHART | | | | | | | | | | | |
|---------------|------------|-----------|-------------|---------------|---------|----------------|------------|-----------|-------------|----------------|---------|
| Model | Cable Type | Approvals | Switch Type | Cable Length | Price | Model | Cable Type | Approvals | Switch Type | Cable Length | Price |
| CFS2-ONBPN-20 | PVC | CE | SPST NO | 20' (6.10 m) | \$23.00 | CFS2-DNBPN-40 | PVC | CE | SPDT | 40' (12.19 m) | \$37.00 |
| CFS2-ONBPN-30 | PVC | CE | SPST NO | 30' (9.14 m) | 28.00 | CFS2-DNBPN-50 | PVC | CE | SPDT | 50' (15.24 m) | 43.00 |
| CFS2-ONBPN-40 | PVC | CE | SPST NO | 40' (12.19 m) | 33.00 | CFS2-DNBPN-60 | PVC | CE | SPDT | 60' (19.29 m) | 49.00 |
| CFS2-ONBPN-50 | PVC | CE | SPST NO | 50' (15.24 m) | 38.00 | CFS2-DNBPN-80 | PVC | CE | SPDT | 80' (24.38 m) | 61.00 |
| CFS2-CNBPN-20 | PVC | CE | SPST NC | 20' (6.10 m) | 23.00 | CFS2-DNBPN-100 | PVC | CE | SPDT | 100' (30.48 m) | 73.00 |
| CFS2-CNBPN-30 | PVC | CE | SPST NC | 30' (9.14 m) | 28.00 | CFS2-OGDSN-20 | SJOW | UL/CSA | SPST NO | 20' (6.10 m) | 44.50 |
| CFS2-CNBPN-40 | PVC | CE | SPST NC | 40' (12.19 m) | 33.00 | CFS2-OGDSN-30 | SJOW | UL/CSA | SPST NO | 30' (9.14 m) | 60.50 |
| CFS2-CNBPN-50 | PVC | CE | SPST NC | 50' (15.24 m) | 38.00 | CFS2-OGDSN-40 | SJOW | UL/CSA | SPST NO | 40' (12.19 m) | 76.50 |
| CFS2-DNBPN-7 | PVC | CE | SPDT | 7' (2.13 m) | 17.20 | CFS2-OGDSN-50 | SJOW | UL/CSA | SPST NO | 50' (15.24 m) | 92.50 |
| CFS2-DNBPN-10 | PVC | CE | SPDT | 10' (3.05 m) | 19.00 | CFS2-CGDSN-20 | SJOW | UL/CSA | SPST NC | 20' (6.10 m) | 44.50 |
| CFS2-DNBPN-15 | PVC | CE | SPDT | 15' (4.57 m) | 22.00 | CFS2-CGDSN-30 | SJOW | UL/CSA | SPST NC | 30' (9.14 m) | 60.50 |
| CFS2-DNBPN-20 | PVC | CE | SPDT | 20' (6.10 m) | 25.00 | CFS2-CGDSN-40 | SJOW | UL/CSA | SPST NC | 40' (12.19 m) | 76.50 |
| CFS2-DNBPN-30 | PVC | CE | SPDT | 30' (9.14 m) | 31.00 | CFS2-CGDSN-50 | SJOW | UL/CSA | SPST NC | 50' (15.24 m) | 92.50 |

| ACCESSORIES | | |
|-------------|-------------------------------|--------|
| Model | Description | Price |
| A-457 | 7.76 oz (220 g) counterweight | \$2.10 |
| A-459 | Cable hanger | 41.25 |



FLOTECT® LIQUID LEVEL SWITCH

Low Cost, Leak Proof Body, Excellent Chemical Resistance

| MODEL CHART | | |
|-------------|--------------|---------|
| Model | Description | Price |
| L8 | Level switch | \$68.00 |

| OPTIONS | | |
|----------------------|--|-----------------|
| To order add suffix: | Description | Price |
| -MV | Gold plated contacts for dry circuits. Rated 1 A @ 125 VAC; 1 A resistive, 0.5 A inductive @ 30 VDC | +\$12.75 |
| Example: L8-MV | | |
| -INC | Inconel® alloy. Inconel® alloy replaces standard 316 SS wetted parts. Wetted parts are Inconel® Alloy, Ceramic 8, and Polyphenylene Sulfide. | +25.00 |
| Example: L8-INC | | |
| -WP | Weatherproof enclosure. Optional housing is phenylpolioxide and provides weatherproof protection for electrical wiring. (Not UL approved) | +24.25 |
| Example: L8-WP | | |
| -WP2 | Weatherproof enclosure. Optional housing is aluminum and provides weatherproof protection for electrical wiring. (Not UL approved) | +24.25 |
| Example: L8-WP2 | | |

LEVEL SWITCHES - HORIZONTAL/SPECIALTY

Low Cost, Hermetically Sealed Contacts

| MODEL CHART | | | | | | | | | | |
|--|---|------------------------------|--------------------|---------------------|-----------|--|-----------------------|--------------------|--------------------|-----------------------------|
| Model | Applications | Material Float/Stem | Temperature Limits | Pressure Limits | Min. S.G. | Electrical Rating | Wire Leads | Mtg | Weight oz (g) | Price |
| F6-HPS-11 | Water, oils, chemicals | Polypropylene/ polypropylene | 176°F (80°C) | 116 psig (8 bar) | 0.60 | 20 VA: 0.08 A @ 240 VAC | 20 AWG, 11.8" (30 cm) | M16 x 2 | 1.23 (38) | \$20.50 |
| F6-HPS-21 | Water, oils, chemicals | Polypropylene/ polypropylene | 176°F (80°C) | 116 psig (8 bar) | 0.60 | 20 VA: 0.08 A @ 240 VAC | 20 AWG, 11.8" (30 cm) | 1/2" NPT | 1.23 (38) | 20.50 |
| F6-HPS-31 | Water, oils, chemicals | Polypropylene/ polypropylene | 176°F (80°C) | 116 psig (8 bar) | 0.60 | 20 VA: 0.08 A @ 240 VAC | 20 AWG, 11.8" (30 cm) | 1/2" NPT | 1.41 (40) | 20.50 |
| F6-MHS | Corrosives | 304 SS/304 SS | 257°F (125°C) | 218 psig (15 bar) | 0.85 | 20 VA: 0.08 A @ 240 VAC | 22 AWG, 11.8" (30 cm) | M16 x 2 | 3.35 (95) | 41.50 |
| F6-MHS2 | Water, oils, chemicals | 304 SS/304 SS | 257°F (125°C) | 363 psig (25 bar) | 0.85 | 70 VA: 0.7 A @ 250 VAC | 22 AWG, 11.8" (30 cm) | 1/2" NPT | 4.8 (136) | 41.50 |
| F7-HSS† | High temp/pressure, corrosive, expl. | 316 SS/316 SS | 392°F (200°C) | 300 psig (20.7 bar) | 0.60 | 30 VA: 0.14 A @ 220 VAC | 22 AWG, 24" (61 cm) | 1/2" NPT (int/ext) | 3 (94) | 214.00^⑧ |
| Model | Style/Applications | Material Float/Stem | Temperature Limits | Pressure Limits | Min. S.G. | Electrical Rating | Wire Leads | Mtg | Weight oz (g) | Price |
| F7-SS6 | Bent stem/liquids with metal particles | 316 SS/316 SS | 300°F (149°C) | 100 psig (7 bar) | 0.70 | 20 VA: 0.08 A @ 220 VAC N.O. | 22 AWG, 24" (61 cm) | 3/8"-24" UNF-2A | 2 (58) | \$166.00^⑧ |
| F7-SS6B | Bent stem/liquids with metal particles | 316 SS/316 SS | 300°F (149°C) | 100 psig (7 bar) | 0.70 | 20 VA: 0.08 A @ 220 VAC N.C. operation | 22 AWG, 24" (61 cm) | 3/8"-24" UNF-2A | 2 (58) | 166.00^⑧ |
| F7-EB‡** | Non-intrusive bottle type/Outside tank mounting | Brass/316 SS (brass housing) | 300°F (149°C) | 500 psig (34 bar) | 0.75 | 20 VA: 0.08 A @ 240 VAC | 18 AWG, 24" (61 cm) | 3/4" NPT female | 5 lb 5 oz (2.4 kg) | 312.00^⑧ |
| F7-LL | Vertical/detect levels as low as 5/8" | Polysulfone/ Buna-N | 180°F (82°C) | 50 psig (3 bar) | — | 20 VA: 0.08 A @ 240 VAC | 22 AWG, 72" (182 cm) | 1/8" NPT male | 2 (58) | 84.50^⑧ |
| F7-WBB | 25' cable, slosh shield/ Sumps, stand pipes | Brass/Buna-N | 180°F (82°C) | 150 psig (10 bar) | 0.45 | 20 VA: 0.08 A @ 240 VAC | 22 AWG, 25' (7.6 m) | — | 10.8 (310) | 176.00^⑧ |
| † F7-HSS is rated explosion-proof for Class I, Groups A, B, C, D; Class II, Groups E, F, G; Class III. | | | | | | | | | | |
| ‡ Explosion proof model available with DPDT switch. Example: F7-EBX, \$540.00^⑧ | | | | | | | | | | |
| ** Model available with normally closed switch. Example: F7-EBNC, \$3210.00^⑧ | | | | | | | | | | |
| ⑧ Items are subject to Schedule B discounts. | | | | | | | | | | |
| ⑨ Items are net priced and are not subject to any discount. | | | | | | | | | | |

MINIATURE CURRENT SWITCH

Low Cost, Solid or No Core, LED Confirmation, Adjustable Set Point

| MODEL CHART | | | | | |
|-------------|-------------------------------|------------|-------------------|-----------|----------------|
| Model | Case | Set Point | Minimum Set Point | LED | Price |
| MCS-111050 | Solid core | Adjustable | 0.50 | Red/geen | \$18.00 |
| MCS-111001 | No core (terminal connection) | Adjustable | 0.01 | Red/green | 18.00 |

SERIES CCS

CATALOG PAGE 68

CURRENT SWITCHES

Solid or Split Core, LED Visual Confirmation, Fixed or Adjustable Set Point

| MODEL CHART | | | | | | |
|-------------|------------|------------|-----------------------|-----------|--------------------|----------------|
| Model | Case | Set Point | Minimum Set Point (A) | LED | Dry Contact Output | Price |
| CCS-121050 | Solid core | Fixed | 0.50 (±0.2) | Red | Yes | \$14.25 |
| CCS-111100 | Solid core | Adjustable | 1.00 (±0.2) | Red/green | No | 17.50 |
| CCS-221100 | Split core | Fixed | 1.00 (±0.2) | Red | Yes | 20.00 |
| CCS-211150 | Split core | Adjustable | 1.50 (±0.2) | Red/green | No | 22.50 |
| CCS-131100 | Solid core | Adjustable | 1.00 (±0.2) | Red/green | Yes | 17.50 |
| CCS-231150 | Split core | Adjustable | 1.50 (±0.2) | Red/green | Yes | 22.50 |

MODEL MSCS

CATALOG PAGE 69

MINIATURE CURRENT SWITCH

Split Core, Integral Mounting Tabs

| MODEL CHART | | |
|-------------|-------------------------------------|----------------|
| Model | Motor Application | Price |
| MSCS-220015 | Miniature split core current switch | \$26.50 |

SERIES SSCS

CATALOG PAGE 69

SURE-SET CURRENT SWITCH

Split Core, Adjustable Set Point

| MODEL CHART | | | | |
|-----------------|-------|-------------------------------------|-------------------|----------------|
| Model | Case | Motor HP Range | Motor Application | Price |
| SSCS-211100-230 | Split | 1, 2, 3, 5, 7.5, 10, 15, 20, 25 | 230 VAC | \$76.50 |
| SSCS-211200-480 | Split | 2, 3, 5, 7.5, 10, 15, 20, 25, 30 | 480 VAC | 76.50 |
| SSCS-211500-230 | Split | 5, 7.5, 10, 15, 20, 25, 30, 40, 50 | 230 VAC | 76.50 |
| SSCS-211150-480 | Split | 15, 20, 25, 30, 40, 50, 60, 75, 100 | 480 VAC | 76.50 |

| ACCESSORIES | | |
|-------------|-------------------------------------|----------------|
| Model | Description | Price |
| SCT-RLY-12 | 12 VAC trigger voltage relay module | \$33.00 |
| SCT-RLY-24 | 24 VAC trigger voltage relay module | 33.00 |

SERIES SCS

CATALOG PAGE 70

CURRENT SWITCHES

Optional Relay Output, Solid or Split Core Case

| MODEL CHART | | | | | | | | | | | | | |
|--------------|-------|----------------|------------|-------------|---------------|----------------|------------------------------|-------|-------------------------------|-------------------------|---------------------|---------------|------------------------------|
| Model | Case | Amperage Range | Set Point | Switch Mode | Snap-on Relay | Price | Model | Case | Amperage Range | Set Point | Switch Mode | Snap-on Relay | Price |
| SCS-120025 | Solid | .25 to 200 A | 0.25 fixed | Under | No | \$43.00 | SCS-220150 | Split | 1.5 to 200 A | 1.5 fixed | Under | No | \$51.00 |
| SCS-111100 | Solid | 1 to 135 A | Adjustable | Over/under | No | 61.50 | SCS-211125 | Split | 1.25 to 135 A | Adjustable | Over/under | No | 61.50 |
| SCS-111100-R | Solid | 1 to 135 A | Adjustable | Over/under | Yes | 76.50 | SCS-220150-R SCS-211125-R | Split | 1.5 to 200 A 1.25 to 135 A | 1.5 fixed Adjustable | Under Over/under | Yes Yes | 82.00 92.00 |
| SCS-220015 | Split | .15 to 200 A | 0.15 fixed | Under | No | 51.00 | | | | | | | |

SERIES SCT

CATALOG PAGE 70

CURRENT TRANSFORMER

Optional Auxiliary, Relay Output, Split Core

| MODEL CHART | | | | | |
|-------------|--------------|--------|--------------------|-----------------------------------|----------------|
| Model | Range | Output | Power Requirements | Max. Continuous Operating Current | Price |
| SCT10-100 | 30/60/120 A | O-4D | 24 VDC | 120 A | \$99.00 |
| SCT10-102 | 30/60/120 A | O-4E | Self-powered | 120 A | 82.50 |
| SCT20-103 | 20/100/150 A | O-4F | Self-powered | 150 A | 82.50 |

| ACCESSORIES | | |
|-------------|-------------------------------------|----------------|
| Model | Range | Price |
| SCT-RLY-12 | 12 VAC Trigger Voltage Relay Module | \$33.00 |
| SCT-RLY-24 | 24 VAC Trigger Voltage Relay Module | 33.00 |

CURRENT TRANSFORMERS

Solid or Split Core, Field Selectable Range

| MODEL CHART | | | | | |
|-------------|---------------|------------|----------------------------|------------|----------------|
| Model | Range | Output | Power Requirements | Case | Price |
| CCT40-202 | 10/20/50 A | 0 to 5 V | Self-powered | Solid core | \$24.00 |
| CCT50-202 | 100/150/200 A | 0 to 5 V | Self-powered | Solid core | 24.00 |
| CCT40-102 | 10/20/50 A | 0 to 5 V | Self-powered | Split core | 36.00 |
| CCT50-102 | 100/150/200 A | 0 to 5 V | Self-powered | Split core | 36.00 |
| CCT40-203 | 10/20/50 A | 0 to 10 V | Self-powered | Solid core | 24.00 |
| CCT50-203 | 100/150/200 A | 0 to 10 V | Self-powered | Solid core | 24.00 |
| CCT40-200 | 10/20/50 A | 4 to 20 mA | 15 to 42 VDC, loop powered | Solid core | 30.00 |
| CCT50-200 | 100/150/200 A | 4 to 20 mA | 15 to 42 VDC, loop powered | Solid core | 30.00 |
| CCT40-100 | 10/20/50 A | 4 to 20 mA | 15 to 42 VDC, loop powered | Split core | 36.00 |
| CCT50-100 | 100/150/200 A | 4 to 20 mA | 15 to 42 VDC, loop powered | Split core | 36.00 |

SERIES CCT60/70

CATALOG PAGE 71

TRUE RMS CURRENT TRANSFORMERS

Solid or Split Core, Field Selectable Range

| MODEL CHART | | | |
|-------------|---------------|------------|----------------|
| Model | Range | Case | Price |
| CCT60-200 | 10/20/50 A | Solid core | \$36.00 |
| CCT70-200 | 100/150/200 A | Solid core | 36.00 |
| CCT60-100 | 10/20/50 A | Split core | 45.00 |
| CCT70-100 | 100/150/200 A | Split core | 45.00 |

MODEL BPS-005

CATALOG PAGE 72

LOW COST DC POWER SUPPLY

Regulated 0.5 A, 1 A Fuse Protection

| MODEL CHART | | |
|-------------|--------------------------|----------------|
| Model | Description | Price |
| BPS-005 | Low cost DC power supply | \$14.50 |

MODEL BPS-015

CATALOG PAGE 72

LOW COST DC POWER SUPPLY

Regulated 1.5 A, 3 A Fuse Protection

| MODEL CHART | | |
|-------------|--------------|----------------|
| Model | Description | Price |
| BPS-015 | Power supply | \$21.50 |

SERIES A-700

CATALOG PAGE 72

POWER SUPPLY

| MODEL CHART | | |
|-------------|-------------|------------------------------|
| Model | Description | Price |
| A-700 | 0.5 A | \$93.00^(N) |
| A-700-2 | 2 A | 173.00^(N) |
| A-700-4 | 4.8 A | 216.00^(N) |

^(N) Items are net priced and are not subject to any discount.

AC POWER TRANSFORMERS

20 VA to 150 VA, Single or Dual Hub, Circuit Breaker, UL Class 2

| MODEL CHART | | | | | | | | |
|-----------------|--------|-------------------------|----------------|--------------------------|------------------------|-----------|-------------------|---------------|
| Model | Rating | Input Voltage | Output Voltage | Mounting | Current Protection | Wiring | Weight | Price |
| APT-20-0SN | 20 VA | 24 VAC | 24 VAC | Foot mount w/ single hub | Inherent | Diagram B | 1.25 lb (0.57 kg) | \$9.00 |
| APT-20-1SN | 20 VA | 120 VAC | 24 VAC | Foot mount w/ single hub | Inherent | Diagram A | 1.29 lb (0.59 kg) | 12.75 |
| APT-40-0SN | 40 VA | 24 VAC | 24 VAC | Foot mount w/ single hub | Internal fuse | Diagram B | 1.96 lb (0.89 kg) | 13.75 |
| APT-40-1SN | 40 VA | 120 VAC | 24 VAC | Foot mount w/ single hub | Internal fuse | Diagram A | 1.98 lb (0.90 kg) | 14.25 |
| APT-40-1DN | 40 VA | 120 VAC | 24 VAC | Foot mount w/ dual hub | Internal fuse | Diagram A | 2.03 lb (0.92 kg) | 13.25 |
| APT-40-2SN | 40 VA | 240 VAC | 24 VAC | Foot mount w/ single hub | Internal fuse | Diagram C | 1.98 lb (0.90 kg) | 13.25 |
| APT-40-2DN | 40 VA | 240 VAC | 24 VAC | Foot mount w/ dual hub | Internal fuse | Diagram C | 2.03 lb (0.92 kg) | 12.75 |
| APT-40-3SN | 40 VA | 120/208/240/277 VAC | 24 VAC | Foot mount w/ single hub | Internal fuse | Diagram E | 2.07 lb (0.94 kg) | 21.75 |
| APT-40-5DN | 40 VA | 120/208/240/277/480 VAC | 24 VAC | Foot mount w/ dual hub | Internal fuse | Diagram D | 2.29 lb (1.04 kg) | 13.75 |
| APT-50-1SN | 50 VA | 120 VAC | 24 VAC | Foot mount w/ single hub | Internal fuse | Diagram A | 2.43 lb (1.10 kg) | 24.75 |
| APT-50-1DN | 50 VA | 120 VAC | 24 VAC | Foot mount w/ dual hub | Button circuit breaker | Diagram A | 2.47 lb (1.12 kg) | 13.25 |
| APT-50-1SB | 50 VA | 120 VAC | 24 VAC | Foot mount w/ single hub | Button circuit breaker | Diagram A | 2.77 lb (1.26 kg) | 13.75 |
| APT-50-1DB | 50 VA | 120 VAC | 24 VAC | Foot mount w/ dual hub | Internal fuse | Diagram A | 2.77 lb (1.26 kg) | 21.00 |
| APT-50-2SN | 50 VA | 240 VAC | 24 VAC | Foot mount w/ single hub | Internal fuse | Diagram C | 2.43 lb (1.13 kg) | 13.75 |
| APT-50-2DN | 50 VA | 240 VAC | 24 VAC | Foot mount w/ dual hub | Button circuit breaker | Diagram C | 2.53 lb (1.15 kg) | 19.00 |
| APT-50-2SB | 50 VA | 240 VAC | 24 VAC | Foot mount w/ single hub | Button circuit breaker | Diagram C | 2.77 lb (1.26 kg) | 19.50 |
| APT-50-2DB | 50 VA | 240 VAC | 24 VAC | Foot mount w/ dual hub | Button circuit breaker | Diagram C | 2.81 lb (1.28 kg) | 21.00 |
| APT-50-5SB | 50 VA | 120/208/240/277/480 VAC | 24 VAC | Foot mount w/ single hub | Button circuit breaker | Diagram D | 2.69 lb (1.22 kg) | 21.75 |
| APT-50-5DB | 50 VA | 120/208/240/277/480 VAC | 24 VAC | Foot mount w/ dual hub | Button circuit breaker | Diagram D | 2.73 lb (1.24 kg) | 22.25 |
| APT-75-1SB | 75 VA | 120 VAC | 24 VAC | Foot mount w/ single hub | Button circuit breaker | Diagram A | 3.53 lb (1.60 kg) | 9.50 |
| APT-75-1DB | 75 VA | 120 VAC | 24 VAC | Foot mount w/ dual hub | Button circuit breaker | Diagram A | 3.57 lb (1.62 kg) | 24.25 |
| APT-75-2SB | 75 VA | 240 VAC | 24 VAC | Foot mount w/ single hub | Button circuit breaker | Diagram C | 3.53 lb (1.60 kg) | 22.75 |
| APT-75-2DB | 75 VA | 240 VAC | 24 VAC | Foot mount w/ dual hub | Button circuit breaker | Diagram C | 3.57 lb (1.62 kg) | 26.25 |
| APT-75-5SB | 75 VA | 120/208/240/277/480 VAC | 24 VAC | Foot mount w/ single hub | Button circuit breaker | Diagram D | 3.60 lb (1.63 kg) | 27.00 |
| APT-75-5DB | 75 VA | 120/208/240/277/480 VAC | 24 VAC | Foot mount w/ dual hub | Button circuit breaker | Diagram D | 3.62 lb (1.64 kg) | 27.50 |
| APT-100-1SB | 100 VA | 120 VAC | 24 VAC | Foot mount w/ single hub | Button circuit breaker | Diagram A | 3.97 lb (1.80 kg) | 13.75 |
| APT-100-1DB | 100 VA | 120 VAC | 24 VAC | Foot mount w/ dual hub | Button circuit breaker | Diagram A | 4.01 lb (1.82 kg) | 26.25 |
| APT-100-1DB-20* | 100 VA | 120 VAC | 24 VAC | Foot mount w/ dual hub | Button circuit breaker | Diagram A | 4.05 lb (1.84 kg) | 25.25 |
| APT-100-2SB | 100 VA | 240 VAC | 24 VAC | Foot mount w/ single hub | Button circuit breaker | Diagram C | 3.97 lb (1.80 kg) | 25.75 |
| APT-100-2DB | 100 VA | 240 VAC | 24 VAC | Foot mount w/ dual hub | Button circuit breaker | Diagram C | 4.01 lb (1.82 kg) | 28.50 |
| APT-100-5SB | 100 VA | 120/208/240/277/480 VAC | 24 VAC | Foot mount w/ single hub | Button circuit breaker | Diagram D | 4.03 lb (1.83 kg) | 29.00 |
| APT-100-5DB | 100 VA | 120/208/240/277/480 VAC | 24 VAC | Foot mount w/ dual hub | Button circuit breaker | Diagram D | 4.05 lb (1.84 kg) | 32.75 |
| APT-150-1DB | 150 VA | 120 VAC | 24 VAC | Foot mount w/ dual hub | Button circuit breaker | Diagram A | 4.98 lb (2.26 kg) | 44.25 |

*20" wire 18 AWG leads.

SERIES SPPM

CATALOG PAGE 75

SMART PROGRAMMABLE PANEL METER

Fully Field Configurable, 16-Bit Color Touch Screen Display

| MODEL CHART | | | |
|-------------|---------|---------|--------------------------------|
| Model | Display | Input | Price |
| SPPM-24 | 2.4" | Voltage | \$118.00 ^(B) |
| SPPM-28 | 2.8" | Voltage | 133.00 ^(B) |
| SPPM-35 | 3.5" | Voltage | 155.00 ^(B) |
| SPPM-24-C | 2.4" | Current | 129.00 ^(B) |
| SPPM-28-C | 2.8" | Current | 148.00 ^(B) |
| SPPM-35-C | 3.5" | Current | 170.00 ^(B) |

^(B) Items are subject to Schedule B discounts.

| ACCESSORIES | | |
|--|----------------------------|-------------------------------|
| Model | Description | Price |
| A-SPPM-TC | Thermocouple input board | \$42.25 ^(B) |
| SPPM-CA | Mini USB to full USB cable | 12.00 ^(B) |
| SPPM-HSG24 | 2.4" display housing | 77.50 ^(B) |
| SPPM-HSG28 | 2.8" display housing | 77.50 ^(B) |
| Note: Additional configurations available via online software. | | |

^(B) Items are subject to Schedule B discounts.

SERIES SPPM2

CATALOG PAGE 76

GRAPHICAL USER INTERFACE PANEL METER

4.3" (109 mm) Touch Screen Display, Fully Customizable

| MODEL CHART | | |
|-------------|---|--------------------------------|
| Model | Description | Price |
| SPPM2-43 | 4.3" interface panel | \$436.00 ^(B) |
| SPPM2-43-D | 4.3" interface panel with development board | 786.00 ^(B) |

^(B) Items are subject to Schedule B discounts.

LCD DIGITAL PANEL METERS

3-1/2 & 4-1/2 Digit LCD, User Selectable Engineering Units, Panel Mount

| ACCESSORIES | | |
|-------------|--|------------------------|
| Model | Description | Price |
| DPM-12P | Regulated 120 VAC to 12 VDC power supply | \$26.75 ^(B) |
| DPM-24P | Regulated 120 VAC to 24 VDC power supply | 26.75 ^(B) |

^(B) Items are subject to Schedule B discounts.

| MODEL CHART | | | | | | | | | | | |
|-------------|---------|----------|-------------------|--------|-------------------------|------------|---------|----------|-------------------|--------|------------------------|
| Model | Input | Segments | Engineering Units | Digit | Price | Model | Input | Segments | Engineering Units | Digit | Price |
| DPMA-401 | Current | Amber | °F, °C, %, PSI | 3-1/2" | \$103.00 ^(B) | DPMW-401P | Current | Amber | V, A, KW, PF | 3-1/2" | \$80.00 ^(B) |
| DPMA-402 | Current | Red | °F, °C, %, PSI | 3-1/2" | 103.00 ^(B) | DPMW-402P | Current | Green | V, A, KW, PF | 3-1/2" | 80.00 ^(B) |
| DPMA-404 | Current | Green | °F, °C, %, PSI | 3-1/2" | 103.00 ^(B) | DPMW-403P | Current | Red | V, A, KW, PF | 3-1/2" | 80.00 ^(B) |
| DPMA-501 | Voltage | Amber | °F, °C, %, PSI | 3-1/2" | 103.00 ^(B) | DPMP-401* | Current | Amber | °F, °C, %, PSI | 3-1/2" | 74.50 ^(B) |
| DPMA-502 | Voltage | Red | °F, °C, %, PSI | 3-1/2" | 103.00 ^(B) | DPMP-402* | Current | Green | °F, °C, %, PSI | 3-1/2" | 74.50 ^(B) |
| DPMA-504 | Voltage | Green | °F, °C, %, PSI | 3-1/2" | 103.00 ^(B) | DPMP-403* | Current | Red | °F, °C, %, PSI | 3-1/2" | 74.50 ^(B) |
| DPMA-401P | Current | Amber | V, A, KW, PF | 3-1/2" | 103.00 ^(B) | DPMP-501* | Voltage | Amber | °F, °C, %, PSI | 3-1/2" | 75.50 ^(B) |
| DPMA-402P | Current | Red | V, A, KW, PF | 3-1/2" | 103.00 ^(B) | DPMP-502* | Voltage | Green | °F, °C, %, PSI | 3-1/2" | 75.50 ^(B) |
| DPMA-404P | Current | Green | V, A, KW, PF | 3-1/2" | 103.00 ^(B) | DPMP-503* | Voltage | Red | °F, °C, %, PSI | 3-1/2" | 75.50 ^(B) |
| DPMA-501P | Voltage | Amber | V, A, KW, PF | 3-1/2" | 103.00 ^(B) | DPMP-401P* | Current | Amber | V, A, KW, PF | 3-1/2" | 72.00 ^(B) |
| DPMA-502P | Voltage | Red | V, A, KW, PF | 3-1/2" | 103.00 ^(B) | DPMP-402P* | Current | Green | V, A, KW, PF | 3-1/2" | 72.00 ^(B) |
| DPMA-504P | Voltage | Green | V, A, KW, PF | 3-1/2" | 103.00 ^(B) | DPMP-403P* | Current | Red | V, A, KW, PF | 3-1/2" | 72.00 ^(B) |
| DPMW-401 | Current | Amber | °F, °C, %, PSI | 3-1/2" | 80.00 ^(B) | DPMP-501P* | Voltage | Amber | V, A, KW, PF | 3-1/2" | 74.50 ^(B) |
| DPMW-402 | Current | Green | °F, °C, %, PSI | 3-1/2" | 80.00 ^(B) | DPMP-502P* | Voltage | Green | V, A, KW, PF | 3-1/2" | 75.50 ^(B) |
| DPMW-403 | Current | Red | °F, °C, %, PSI | 3-1/2" | 80.00 ^(B) | DPMP-503P* | Voltage | Red | V, A, KW, PF | 3-1/2" | 74.50 ^(B) |

*For 4-1/2 digit display, change DPMP to DPML and +\$15.00^(B) to above prices. Example: DPML-401

^(B) Items are subject to Schedule B discounts.

SERIES DPMX

EXTRA LARGE DIGITAL PANEL METER

3-1/2 Digit LED Display, 2.3" Segment Height, Process Inputs

| MODEL CHART | | | |
|-------------|----------|--------------------|-------------------------|
| Model | Segments | Power Supply | Price |
| DPMX-1 | Blue | 90 to 250 VAC | \$337.00 ^(B) |
| DPMX-2 | Green | 90 to 250 VAC | 337.00 ^(B) |
| DPMX-3 | Red | 90 to 250 VAC | 337.00 ^(B) |
| DPMX-1-LV | Blue | 10.5 to 30 VAC/VDC | 337.00 ^(B) |
| DPMX-2-LV | Green | 10.5 to 30 VAC/VDC | 337.00 ^(B) |
| DPMX-3-LV | Red | 10.5 to 30 VAC/VDC | 337.00 ^(B) |

^(B) Items are subject to Schedule B discounts.

SERIES LCI132

COMPACT PROCESS INDICATOR

1/32 DIN, Fully Programmable

| MODEL CHART | | | |
|-------------|--|----------------|----------|
| Model | Input | Supply Voltage | Price |
| LCI132-00 | ±100 VDC; ±20 VDC; ±10 VDC; ±200 VDC; ±20 mA DC | 120/240 VAC | \$216.00 |
| LCI132-01 | ±100 VDC; ±20 VDC; ±10 VDC; ±200 VDC; ±20 mA DC | 24/48 VAC | 216.00 |
| LCI132-10 | ±100 VAC; 600 VAC; 5 A (DC) 1 A (AC); -199.9 to +600 VDC; ±100 VDC -1.999 to 5 A (DC) ±1 A (DC); | 120/240 VAC | 216.00 |
| LCI132-11 | ±100 VAC; 600 VAC; 5 A (DC) 1 A (AC); -199.9 to +600 VDC; ±100 VDC -1.999 to 5 A (DC) ±1 A (DC) | 24/48 VAC | 216.00 |

ELECTROMECHANICAL RELAY

30 Amp, SPDT and DPDT Operation

| MODEL CHART | | | | |
|--------------|-----------|------------------|-----------------|---------|
| Model | Operation | Input Voltage | Coil Resistance | Price |
| 9AS5A5224 | AC | 24 VAC 50/60 Hz | 500 Ω | \$11.25 |
| 9AS5A52120 | AC | 120 VAC 50/60 Hz | 3000 Ω | 11.25 |
| 92S11A22D24 | AC | 24 VAC 50/60 Hz | 250 Ω | 12.75 |
| 92S11A22D120 | AC | 120 VAC 50/60 Hz | 1600 Ω | 12.75 |
| 9AS5D5224 | DC | 24 VDC | 576 Ω | 11.25 |
| 92S11D22D12 | DC | 12 VDC | 86 Ω | 12.75 |
| 92S11D22D24 | DC | 24 VDC | 1600 Ω | 12.75 |

| ACCESSORIES | | |
|-------------|-----------------------|--------|
| Model | Description | Price |
| 16-9ADIN1 | Din adaptor | \$2.10 |
| A-360 | Aluminum DIN rail 1 m | 8.60 |

SERIES 781 & 782

CATALOG PAGE 79

ICE CUBE RELAYS

SPDT or DPDT Operation

| MODEL CHART | | | | | |
|-----------------|-----------|------------------|-----------------|--|-----------------------|
| Model | Operation | Input Voltage | Coil Resistance | Electrical Rating | Price |
| 781XAXRM4L-24A | AC | 24 VAC 50/60 Hz | 180 Ω | 15 A @ 277 VAC (50/60 Hz) or 28 VDC | \$7.30 ^(B) |
| 781XAXRM4L-120A | AC | 120 VAC 50/60 Hz | 4430 Ω | 15 A @ 277 VAC (50/60 Hz) or 28 VDC | 7.30 ^(B) |
| 781XAXRM4L-240A | AC | 240 VAC 50/60 Hz | 15720 Ω | 15 A @ 277 VAC (50/60 Hz) or 28 VDC | 9.30 ^(B) |
| 781XAXRM4L-24D | DC | 24 VDC | 750 Ω | 15 A @ 277 VAC (50/60 Hz) or 28 VDC | 7.30 ^(B) |
| 782XBX4M4L-24A | AC | 24 VAC 50/60 Hz | 180 Ω | 15 A @ 120 VAC 50/60 Hz; 12 A @ 277 VAC 50/60 Hz or 28 VDC (UL); 10 A @ 277 VAC 50/60 Hz (CSA) | 9.80 ^(B) |
| 782XBX4M4L-120A | AC | 120 VAC 50/60 Hz | 4430 Ω | 15 A @ 120 VAC 50/60 Hz; 12 A @ 277 VAC 50/60 Hz or 28 VDC (UL); 10 A @ 277 VAC 50/60 Hz (CSA) | 9.80 ^(B) |
| 782XBX4M4L-240A | AC | 240 VAC 50/60 Hz | 15720 Ω | 15 A @ 120 VAC 50/60 Hz; 12 A @ 277 VAC 50/60 Hz or 28 VDC (UL); 10 A @ 277 VAC 50/60 Hz (CSA) | 11.50 ^(B) |
| 782XBX4M4L-24D | DC | 24 VDC | 650 Ω | 15 A @ 120 VAC 50/60 Hz; 12 A @ 277 VAC 50/60 Hz or 28 VDC (UL); 10 A @ 277 VAC 50/60 Hz (CSA) | 9.80 ^(B) |

^(B) Items are subject to Schedule B discounts.

| ACCESSORIES | | |
|-------------|-----------------------------|-----------------------|
| Model | Description | Price |
| 70-781D5-1A | Socket for 781 series relay | \$5.20 ^(N) |
| 70-782D8-1A | Socket for 782 series relay | 6.70 ^(N) |

^(N) Items are net priced and are not subject to any discount.

SERIES CSE-3R

CATALOG PAGE 80

GALVANNEALED STEEL ENCLOSURE

Wall Mounted, NEMA 3R, UL Approved

| MODEL CHART | | | | | | | | |
|---------------------|-------------------|------------------|------------------|-------------------|------------------------|---------------------|-------------------|------------------------|
| Enclosure* Model | Height in (cm) | Width in (cm) | Depth in (cm) | Weight lb (kg) | Price | Sub Panel* Model | Weight lb (kg) | Price |
| CSE-3R-121206 | 12 (30) | 12 (30) | 6 (15) | 15 (7) | \$79.50 ^(B) | A-SSE-P-1212 | 3 (1.4) | \$14.25 ^(B) |
| CSE-3R-161206 | 16 (41) | 12 (30) | 6 (15) | 16 (7) | 104.00 ^(B) | A-SSE-P-1612 | 4 (1.8) | 15.25 ^(B) |
| CSE-3R-201606 | 20 (51) | 16 (41) | 6 (15) | 25 (11) | 139.00 ^(B) | A-SSE-P-2016 | 8 (3.6) | 31.00 ^(B) |
| CSE-3R-242006 | 24 (61) | 20 (51) | 6 (15) | 32 (15) | 213.00 ^(B) | A-SSE-P-2420 | 14 (6.4) | 46.50 ^(B) |
| CSE-3R-302408 | 30 (76) | 24 (61) | 8 (20) | 60 (27) | 294.00 ^(B) | A-SSE-P-3024 | 22 (10) | 64.00 ^(B) |
| CSE-3R-362408 | 36 (91) | 24 (61) | 8 (20) | 62 (28) | 429.00 ^(B) | A-SSE-P-3624 | 27 (12.2) | 77.00 ^(B) |
| CSE-3R-363008 | 36 (91) | 30 (76) | 8 (20) | 70 (32) | 457.00 ^(B) | A-SSE-P-3630 | 34 (15.4) | 103.00 ^(B) |

*For additional sizes contact factory. ^(B) Items are subject to Schedule B discounts.

| MODEL CHART | | | | | |
|--------------------------|-------------------|------------------------|-----------------------|-------------------|------------------------|
| Mounting Strap* Model | Weight lb (kg) | Price | Drip Shield* Model | Weight lb (kg) | Price |
| A-CSE-3M-12 | 2 (0.9) | \$21.75 ^(B) | A-CSE-D-12 | 2 (0.9) | \$36.25 ^(B) |
| A-CSE-3M-16 | 2 (0.9) | 24.00 ^(B) | A-CSE-D-16 | 2 (0.9) | 41.00 ^(B) |
| A-CSE-3M-20 | 3 (1.4) | 26.00 ^(B) | A-CSE-D-20 | 3 (1.4) | 43.75 ^(B) |
| A-CSE-3M-24 | 4 (1.8) | 28.00 ^(B) | A-CSE-D-24 | 4 (1.8) | 51.50 ^(B) |
| | | | A-CSE-D-30 | 4 (1.8) | 54.00 ^(B) |

*For additional sizes contact factory.

^(B) Items are subject to Schedule B discounts.

| ACCESSORIES | | |
|-------------|---|-------------------------|
| Model | Description | Price |
| A-CSE-L | Keylocking wing knob door latch, Includes 1 lock and 2 keys | \$179.00 ^(B) |
| A-CSE-K | Replacement keys, includes 2 keys | 1.40 ^(B) |

^(B) Items are subject to Schedule B discounts.

CARBON STEEL ENCLOSURE

Wall Mounted, General Purpose Enclosure, UL Approved

| MODEL CHART | | | | | | | | | | |
|---------------------|-------------------|------------------|------------------|-------------------|------------------------|-----------------------|-------------------|------------------|-------------------|-----------------------|
| Enclosure* Model | Height in (cm) | Width in (cm) | Depth in (cm) | Weight lb (kg) | Price | Sub-Panel* Model** | Height in (cm) | Width in (cm) | Weight lb (kg) | Price |
| CSE-N1-100804 | 10 (25) | 8 (20) | 4 (10) | 7 (3.2) | \$42.00 ^(B) | A-CSE-1S-1008 | 8 (20) | 6 (15) | 2 (0.9) | \$4.80 ^(B) |
| CSE-N1-101004 | 10 (25) | 10 (25) | 4 (10) | 8.5 (3.9) | 42.50 ^(B) | A-CSE-1P-1008 | 8 (20) | 6 (15) | 1 (0.5) | 12.25 ^(B) |
| CSE-N1-121004 | 12 (30) | 10 (25) | 4 (10) | 5 (2.3) | 50.50 ^(B) | A-CSE-1S-1010 | 8 (20) | 8 (20) | 1 (0.5) | 5.60 ^(B) |
| CSE-N1-121204 | 12 (30) | 12 (30) | 4 (10) | 10 (4.5) | 55.00 ^(B) | A-CSE-1P-1010 | 8 (20) | 8 (20) | 1 (0.5) | 14.25 ^(B) |
| CSE-N1-141204 | 14 (36) | 12 (30) | 4 (10) | 10 (4.5) | 61.00 ^(B) | A-CSE-1S-1210 | 10 (25) | 8 (20) | 3 (1.4) | 6.40 ^(B) |
| CSE-N1-161206 | 16 (41) | 12 (30) | 6 (15) | 11 (5) | 103.00 ^(B) | A-CSE-1P-1210 | 10 (25) | 8 (20) | 1 (0.5) | 16.25 ^(B) |
| CSE-N1-161606 | 16 (41) | 16 (41) | 6 (15) | 16 (7.3) | 114.00 ^(B) | A-CSE-1S-1212 | 10 (25) | 10 (25) | 4 (1.8) | 7.40 ^(B) |
| CSE-N1-201606 | 20 (51) | 16 (41) | 6 (15) | 21 (9.5) | 126.00 ^(B) | A-CSE-1P-1212 | 10 (25) | 10 (25) | 2 (0.9) | 17.00 ^(B) |
| CSE-N1-202006 | 20 (51) | 20 (51) | 6 (15) | 25 (11.3) | 138.00 ^(B) | A-CSE-1S-1412 | 12 (30) | 10 (25) | 3 (1.4) | 8.30 ^(B) |
| CSE-N1-241606 | 24 (61) | 16 (41) | 6 (15) | 27 (12.2) | 137.00 ^(B) | A-CSE-1P-1412 | 12 (30) | 10 (25) | 2 (0.9) | 18.00 ^(B) |
| CSE-N1-242006 | 24 (61) | 20 (51) | 6 (15) | 31.5 (14.3) | 154.00 ^(B) | A-CSE-1S-1612 | 14 (36) | 10 (25) | 3 (1.4) | 12.25 ^(B) |
| CSE-N1-242406 | 24 (61) | 24 (61) | 6 (15) | 41 (18.6) | 156.00 ^(B) | A-CSE-1P-1612 | 14 (36) | 10 (25) | 2 (0.9) | 20.25 ^(B) |
| CSE-N1-302406 | 30 (76) | 24 (61) | 6 (15) | 54 (24.5) | 173.00 ^(B) | A-CSE-1S-1616 | 14 (36) | 14 (36) | 4 (1.8) | 20.25 ^(B) |
| CSE-N1-303008 | 30 (76) | 30 (76) | 8 (20) | 60 (27.2) | 226.00 ^(B) | A-CSE-1P-1616 | 14 (36) | 14 (36) | 2 (0.9) | 23.75 ^(B) |

*For additional sizes contact factory. **1S denotes a solid steel panel; 1P denotes a perforated steel panel.
^(B) Items are subject to Schedule B discounts.

| MODEL CHART | | | | |
|-----------------------|-------------------|------------------|-------------------|------------------------|
| Sub-Panel* Model** | Height in (cm) | Width in (cm) | Weight lb (kg) | Price |
| A-CSE-1S-2016 | 18 (46) | 14 (36) | 6 (2.7) | \$22.75 ^(B) |
| A-CSE-1P-2016 | 18 (46) | 14 (36) | 3 (1.4) | 27.75 ^(B) |
| A-CSE-1S-2020 | 18 (46) | 18 (46) | 7 (3.2) | 29.25 ^(B) |
| A-CSE-1P-2020 | 18 (46) | 18 (46) | 4 (1.8) | 31.75 ^(B) |
| A-CSE-1S-2416 | 22 (56) | 14 (36) | 7 (3.2) | 24.00 ^(B) |
| A-CSE-1P-2416 | 22 (56) | 14 (36) | 5 (2.3) | 31.75 ^(B) |
| A-CSE-1S-2420 | 22 (56) | 18 (46) | 9 (4.1) | 33.25 ^(B) |
| A-CSE-1P-2420 | 22 (56) | 18 (46) | 7 (3.2) | 38.25 ^(B) |
| A-CSE-1S-2424 | 22 (56) | 22 (56) | 11 (5) | 38.75 ^(B) |
| A-CSE-1P-2424 | 22 (56) | 22 (56) | 8 (3.6) | 56.00 ^(B) |
| A-CSE-1S-3024 | 28 (71) | 22 (56) | 13 (6) | 46.00 ^(B) |
| A-CSE-1P-3024 | 28 (71) | 22 (56) | 11 (5) | 71.00 ^(B) |
| A-CSE-1S-3030 | 28 (71) | 28 (71) | 17 (8) | 61.00 ^(B) |
| A-CSE-1P-3030 | 28 (71) | 28 (71) | 14 (6) | 89.00 ^(B) |

*For additional sizes contact factory.
 **1S denotes a solid steel panel; 1P denotes a perforated steel panel.
^(B) Items are subject to Schedule B discounts.

| MODEL CHART | | | |
|--------------------------|------------------|-------------------|------------------------|
| Mounting Strap* Model | Width in (cm) | Weight lb (kg) | Price |
| A-CSE-1M-08 | 7.1 (18) | 1 (0.5) | \$16.75 ^(B) |
| A-CSE-1M-10 | 9.1 (23) | 1 (0.5) | 17.75 ^(B) |
| A-CSE-1M-12 | 11.1 (28) | 1 (0.5) | 18.75 ^(B) |
| A-CSE-1M-16 | 15.1 (38) | 2 (0.9) | 20.75 ^(B) |
| A-CSE-1M-20 | 19.1 (49) | 2 (0.9) | 22.75 ^(B) |
| A-CSE-1M-24 | 23.1 (59) | 3 (1.4) | 25.00 ^(B) |

*For additional sizes contact factory.
^(B) Items are subject to Schedule B discounts.

| MODEL CHART | | | | | | | | | |
|--------------------|-------------------|------------------|------------------|-------------------|-------------------------|-------------------------|------------------|-------------------|------------------------|
| Enclosure Model | Height in (cm) | Width in (cm) | Depth in (cm) | Weight lb (kg) | Price | Mounting Strap Model | Width in (cm) | Weight lb (kg) | Price |
| CSE-KN-181606 | 18 (46) | 16 (41) | 6 (15) | 22 (10) | \$277.00 ^(B) | A-CSE-1M-16 | 15.1 (38) | 2 (0.9) | \$20.75 ^(B) |
| CSE-KN-242006 | 24 (61) | 20 (51) | 6 (15) | 35 (16) | 159.00 ^(B) | A-CSE-1M-20 | 19.1 (49) | 2 (0.9) | 22.75 ^(B) |
| CSE-KN-362406 | 36 (91) | 24 (61) | 6 (15) | 58 (26) | 243.00 ^(B) | A-CSE-1M-24 | 23.1 (59) | 3 (1.4) | 25.00 ^(B) |

^(B) Items are subject to Schedule B discounts.

| ACCESSORIES | | |
|-------------|---|-------------------------|
| Model | Description | Price |
| A-CSE-L | Keylocking wing knob door latch, includes 1 lock and 2 keys | \$179.00 ^(B) |
| A-CSE-K | Replacement keys, includes 2 keys | 1.40 ^(B) |

^(B) Items are subject to Schedule B discounts.

STAINLESS STEEL ENCLOSURE

Wall Mounted, NEMA 4X, UL Approved

| MODEL CHART | | | | | | | | | | | | | | |
|-----------------------|-------------------|------------------|------------------|-------------------|-------------------------|--------------------|-------------------|------------------|-------------------|-----------------------|----------------------|------------------|-------------------|------------------------|
| Enclosure** Model* | Height in (cm) | Width in (cm) | Depth in (cm) | Weight lb (kg) | Price | Sub-Panel Model | Height in (cm) | Width in (cm) | Weight lb (kg) | Price | Drip Shield Model | Width in (cm) | Weight lb (kg) | Price |
| SSE-J-100804 | 10 (25) | 8 (20) | 4 (10) | 6 (2.7) | \$163.00 ^(B) | A-SSE-PJ-1008 | 9 (23) | 7 (18) | 4 (1.8) | \$5.90 ^(B) | A-SSE-D-12 | 12 (30) | 3 (1.4) | \$83.50 ^(B) |
| SSE-J-121006 | 12 (30) | 10 (25) | 6 (15) | 10 (4.5) | 333.00 ^(B) | A-SSE-PJ-1210 | 11 (29) | 9 (23) | 2 (0.9) | 7.90 ^(B) | A-SSE-D-16 | 16 (41) | 4 (1.8) | 91.00 ^(B) |
| SSE-J-121206 | 12 (30) | 12 (30) | 6 (15) | 11 (5) | 358.00 ^(B) | A-SSE-PJ-1212 | 11 (29) | 11 (29) | 3 (1.4) | 9.40 ^(B) | A-SSE-D-20 | 20 (51) | 4 (1.8) | 98.00 ^(B) |
| SSE-J-141206 | 14 (36) | 12 (30) | 6 (15) | 13 (5.9) | 383.00 ^(B) | A-SSE-PJ-1412 | 13 (34) | 11 (29) | 3 (1.4) | 10.50 ^(B) | A-SSE-D-24 | 24 (61) | 5 (2.3) | 106.00 ^(B) |
| SSE-J-161406 | 16 (41) | 14 (36) | 6 (15) | 16 (7.3) | 450.00 ^(B) | A-SSE-PJ-1614 | 15 (39) | 13 (34) | 3 (1.4) | 20.25 ^(B) | A-SSE-D-30 | 30 (76) | 4 (1.8) | 120.00 ^(B) |
| SSE-E-161606 | 16 (41) | 16 (41) | 6 (15) | 21 (10) | 660.00 ^(B) | A-SSE-P-1616 | 13 (33) | 13 (33) | 6 (2.7) | 25.25 ^(B) | | | | |
| SSE-E-201606 | 20 (51) | 16 (41) | 6 (15) | 28 (13) | 732.00 ^(B) | A-SSE-P-2016 | 17 (43) | 13 (33) | 8 (3.6) | 31.00 ^(B) | | | | |
| SSE-E-202006 | 20 (51) | 20 (51) | 6 (15) | 34 (15) | 800.00 ^(B) | A-SSE-P-2020 | 17 (43) | 17 (43) | 10 (4.5) | 36.00 ^(B) | | | | |
| SSE-E-202408 | 20 (51) | 24 (61) | 8 (20) | 43 (20) | 942.00 ^(B) | A-SSE-P-2416 | 21 (53) | 13 (33) | 14 (6.4) | 33.50 ^(B) | | | | |
| SSE-E-241608 | 24 (61) | 16 (41) | 8 (20) | 36 (16) | 847.00 ^(B) | A-SSE-P-2420 | 21 (53) | 17 (43) | 11 (5) | 46.50 ^(B) | | | | |
| SSE-E-242006 | 24 (61) | 20 (51) | 6 (15) | 40 (18) | 898.00 ^(B) | A-SSE-P-2424 | 21 (53) | 21 (53) | 17 (7.7) | 54.00 ^(B) | | | | |
| SSE-E-242408 | 24 (61) | 24 (61) | 8 (20) | 49 (22) | 1035.00 ^(B) | A-SSE-P-3016 | 27 (69) | 13 (33) | 14 (6.4) | 46.50 ^(B) | | | | |
| SSE-E-301606 | 30 (76) | 16 (41) | 6 (15) | 41 (19) | 985.00 ^(B) | A-SSE-P-3020 | 27 (69) | 17 (43) | 18 (8.2) | 57.00 ^(B) | | | | |
| SSE-E-302008 | 30 (76) | 20 (51) | 8 (20) | 52 (24) | 1067.00 ^(B) | A-SSE-P-3024 | 27 (69) | 21 (53) | 22 (10) | 64.00 ^(B) | | | | |
| SSE-E-302408 | 30 (76) | 24 (61) | 8 (20) | 53 (24) | 1176.00 ^(B) | A-SSE-P-3030 | 27 (69) | 27 (69) | 28 (13) | 85.00 ^(B) | | | | |
| SSE-E-303008 | 30 (76) | 30 (76) | 8 (20) | 67 (30) | 1348.00 ^(B) | | | | | | | | | |

*For additional sizes contact factory. **For 316 SS enclosures contact factory. ^(B) Items are subject to Schedule B discounts.

| ACCESSORIES | | |
|---|---|-------------------------|
| Model | Description | Price |
| A-CSE-L | Keylocking wing knob door latch, includes 1 lock and 2 keys | \$179.00 ^(B) |
| A-CSE-K | Replacement keys, includes 2 keys | 1.40 ^(B) |
| A-SSE-F | Mounting feet, includes 4 feet† | 54.50 ^(B) |
| †Included with SSE-J models only. | | |
| ^(B) Items are subject to Schedule B discounts. | | |

GAGE TUBING ACCESSORIES

| MODEL CHART | | |
|---|--|------------------------|
| Model | Description | Price |
| Norrprene® tubing is useful in a wide range of temperatures from -75 to 275°F (-60 to 135°C) and will not weaken after long term exposure to heat and ozone. | | |
| A-200-1 | 3/16" ID x 5/16" OD, 13 psi maximum pressure @ 73°F (90 kPa @ 23°C); 50' | \$47.50 ^(B) |
| A-200-2 | 1/4" ID x 3/8" OD, 10 psi maximum pressure @ 73°F (69 kPa @ 23°C); 50' | 59.00 ^(B) |
| Rubber latex tubing has less tendency to kink in storage and occupies less space, thus is best for portable work. | | |
| A-201 | 3/16" ID, 9' length | 7.50 ^(B) |
| A-202 | 3/16" ID, lengths to 50' | 0.90/ft ^(B) |
| Clear PVC tubing is easily inspected and is therefore best for test applications where a possibility of fluid entering the tubing exists. | | |
| A-203 | 1/8" ID x 1/4" OD, lengths to 100'; 60 psi max. pressure @ 73°F (22°C) | 1.60/ft ^(B) |
| Clear flexible vinyl tubing is easily inspected, and is therefore best for test applications where a possibility of fluid entering the tubing exists. | | |
| A-220 | 3/16" ID x 5/16" OD, lengths to 500'; 45 psi maximum pressure @ 73°F (310 kPa @ 23°C) | 0.25/ft ^(B) |
| A-221 | 1/8" ID x 3/16" OD, lengths to 500'; 40 psi maximum pressure @ 165°F (276 kPa @ 74°C) | 0.50/ft ^(B) |
| A-222 | .240" ID x .375" OD, lengths to 500'; 35 psi maximum pressure @ 73°F (240 kPa @ 23°C) | 0.25/ft ^(B) |
| Flexible double column plastic tubing is used with Mark II manometers and the Wind Speed Indicator. Light gray with red color code stripe. | | |
| A-225 | 1/8" ID, lengths to 750' | 2.99/ft ^(B) |
| Flexible colored vinyl tubing is quickly distinguishable in applications where more than one line is required aiding installation. | | |
| A-204-A | 3/16" ID x 5/16" OD, lengths to 500'; 45 psi maximum pressure @ 165°F (310 kPa @ 74°C); Opaque red | 1.10/ft ^(B) |
| A-204-B | 3/16" ID x 5/16" OD, lengths to 500'; 45 psi maximum pressure @ 165°F (310 kPa @ 74°C); Opaque blue | 1.10/ft ^(B) |
| A-204-C | 3/16" ID x 5/16" OD, lengths to 500'; 45 psi maximum pressure @ 165°F (310 kPa @ 74°C); Opaque white | 1.10/ft ^(B) |
| A-204-D | 3/16" ID x 5/16" OD, lengths to 500'; 45 psi maximum pressure @ 165°F (310 kPa @ 74°C); Opaque black | 1.10/ft ^(B) |
| Black polyethylene tubing offers long life, great stability and resistance to corrosion. | | |
| A-223 | 1/8" ID x 1/4" OD, 10' length; 200 psi maximum @ 140°F (1379 kPa @ 60°C) | 4.00 ^(B) |
| Black nylon tubing is recommended for high temperature and pressure applications. -40 to 248°F (-40 to 120°C). | | |
| Black plenum fire retardant polyethylene tubing meets NFPA standard 90A for installation in air-conditioning and ventilating plenum spaces; also used in building automation systems. Lengths to 500', 100 psig maximum pressure @ 75°F (689 kPa @ 24°C). | | |
| A-223P-1 | .17" ID x .25" OD | 1.30/ft ^(B) |
| A-223P-2 | 1/4" ID x 3/8" OD | 1.50/ft ^(B) |
| Aluminum tubing is recommended for permanent installations. | | |
| A-210 | 1/4" OD, 5' length, 500 psi maximum pressure @ 200°F (3447 kPa @ 93°C) | 5.99 ^(B) |
| A-211 | 1/4" OD, 50' length, 500 psi maximum pressure @ 200°F (3447 kPa @ 93°C) | 58.00 ^(B) |

^(B) Items are net priced and are not subject to any discount.

STATIC PRESSURE TIPS

| MODEL CHART | | |
|--|---|--------|
| Model | Description | Price |
| The stainless steel static pressure tips are used to measure static pressures in ducts or rooms. They are to be connected to differential pressure switches and transmitters. Two static sensors are used in applications where differential pressure is required across a filter or coil. These sensors include a mounting flange with integral rubber gasket and two screws for simplifying mounting on a duct. | | |
| A-302F-A | 4" hook style SS static pressure tip with mounting flange | \$9.20 |
| A-302F-B | 6" hook style SS static pressure tip with mounting flange | 12.75 |
| A-302F-C | 8" hook style SS static pressure tip with mounting flange | 14.50 |
| A-489 | 4" straight SS static pressure tip with mounting flange | 6.67 |
| A-491 | 6" straight SS static pressure tip with mounting flange | 6.67 |
| A-493 | 8" straight SS static pressure tip with mounting flange | 7.50 |
| Designed for simplified installation, these are easy to install, inexpensive, and provides accurate static pressure sensing in smooth air at velocities up to 1500 FPM. | | |
| A-307 | Static pressure fitting, for 1/4" metal tubing connection | 5.30 |
| A-307-SS | SS static pressure fitting, for 1/4" metal tubing connection | 40.75 |
| A-308 | Static pressure fitting, for 3/16" and 1/8" ID plastic or rubber tubing | 4.10 |
| A-414 | SS clean room pressure sensor | 26.50 |
| These static pressure tips are ideal for applications such as sensing the static pressure drop across industrial air filters and refrigerant coils. Here the probability of air turbulence requires that the pressure sensing openings be located away from the duct walls to minimize impingement and aspiration, and thus ensure accurate readings. For a permanent installation of this type, the Dwyer No. A-301 or A-302 static pressure tip is used. It senses static pressure through radially-drilled holes near the tip and can be used in air flow velocities up to 12,000 FPM. The angled tips shown have 4" insertion depth. Each has four radially drilled .040" sensing holes. All except Model A-303 mount in 3/8" hole in duct. For portable use, a magnet holds No. A-303 in place. | | |
| A-301 | Static pressure tip, for 1/4" metal tubing connection | 9.90 |
| A-301-A | Static pressure tip, same as A-301 with 6" insertion depth | 15.50 |
| A-301-B | Static pressure tip, same as A-301 with 8" insertion depth | 18.00 |
| A-301-C | Static pressure tip, same as A-301 with 12" insertion depth | 17.75 |
| A-301-SS | SS static pressure tip, for 1/4" metal tubing connection | 62.00 |
| A-302 | Static pressure tip, for 3/16" and 1/8" ID plastic or rubber tubing | 9.10 |
| A-302-A | Static pressure tip, same as A-302 with 6" insertion depth | 15.00 |
| A-303 | Portable static pressure tip, for 3/16" ID rubber or plastic tubing with 4" insertion | 9.95 |
| A-305 low resistance static pressure tip is designed for use in dust-laden air and for rapid response applications. It is recommended where a very low actuation pressure is required for a pressure switch or indicating gage — or where response time is critical. | | |
| A-305 | Static pressure tip, low resistance application, furnished with two (2) hex jam nuts and two (2) mounting washers for duct mounting and with 1/8" NPT pipe thread for pressure connection | 59.50 |
| A-305-SS | SS static pressure tip, low resistance application, furnished with two (2) hex jam nuts and two (2) mounting washers for duct mounting and with 1/8" NPT pipe thread for pressure connection | 99.50 |
| A-306 | Outdoor static pressure sensor. Provides average outdoor pressure signal for reference in building pressurization applications. Includes sensor, 50' vinyl tubing, mounting bracket and hardware. Red sensor | 53.50 |
| A-306-A | Outdoor static pressure sensor. Provides average outdoor pressure signal for reference in building pressurization applications. Includes sensor, 50' vinyl tubing, mounting bracket and hardware. Gray sensor | 53.50 |

STATIC PRESSURE ACCESSORIES

| MODEL CHART | | |
|-------------|--|--------|
| Model | Description | Price |
| A-465 | Static pressure pick-up provides a clean solution for sensing space pressure. The sensor can be mounted on sheetrock walls, single gang electrical boxes, or on ceiling tiles. Molded from ABS plastic, the A-465 provides an integral barb fitting and includes tubing, mounting screws and anchors. | \$1.00 |
| A-417A | Static pressure pickup. For use in clean rooms, 60 micron filter picks up static pressure. Stainless steel wall plate fits 2" x 4" electrical box. Sealed with foam gasket, screws included. Barbed brass fitting holds 1/8" to 3/16" ID tubing. | 9.25 |
| A-418E | Static pressure pickup. Room mount with plastic enclosure fits 2" x 4" electrical box. Fine mesh screen hides static pressure pickup port. Clean connection to 1/8" to 3/16" ID tubing and pressure sensor. Sealed with foam gasket, screws included. | 10.00 |
| A-418N | Static pressure pickup. Room mount with plastic enclosure fits 2" x 4" electrical box. Fine mesh screen hides static pressure pickup port. Clean connection to 1/8" to 3/16" ID tubing and pressure sensor. Sealed with foam gasket, screws included. | 10.00 |
| A-419A | Static pressure pickup ceiling mount. Plate rests on top of standard 3/4" thick ceiling tile while 60 micron filter faces down through 5/8" hole in tile. Filter is barely noticeable in room being monitored. Unit mounts to junction box. Barbed brass fitting holds 1/8" to 3/16" ID tubing. | 9.00 |
| A-420A | Static pressure pickup for roof or outside mount. Reduces effects of wind gusts to keep pressure readings stable when plate is parallel to ground. Structure withstands harsh environmental elements. Structure is 3-1/4" across and 2-3/8" deep. EMT Conduit fitting is 1/2". Pressure connection is brass barbed fitting for 1/8" and 3/16" ID tubing. | 21.00 |
| A-421 | Static pressure tip measures duct static air pressure. Assembly includes 6" probe, silicon rubber hose, and screws. Built-in surge damper ensures stable readings on pressure sensor. Pressure spike reducer can be added to end of tube to further smooth over pressure fluctuations. | 27.50 |

ACCESSORIES - KITS FOR AIR FILTER SWITCHES

| MODEL CHART | | |
|-------------|--|---------|
| Model | Description | Price |
| A-602 | Air filter kit, accessory package for using switch without a gage includes two pressure tips with integral compression fittings, two 5' lengths of 1/4" aluminum tubing and two 1/8" NPT to 1/4" tubing compression fittings | \$28.50 |
| A-603 | "T" kit, accessory package for using pressure switch in conjunction with an air filter kit equipped Magnehelic® or Series 250 AF gages includes two 1/8" NPT to 1/4" tubing compression fittings and two compression tees | 18.25 |
| A-604 | "T" kit, accessory package for using pressure switch in conjunction with Mark II gages, includes two plastic tubing connector tees and two plastic tubing to 1/8" NPT adapters | 8.90 |