



# BUILDING AUTOMATION SYSTEMS

## CATALOG PRICE LIST

THESE PRICES EFFECTIVE NOVEMBER 1, 2018

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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 (B) are subject to discounts per schedule B. Certain items such as repairs, repair parts, EXPL and WP housings, prices followed by the symbol (N), 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

1. **Prices and Specifications** are subject to change without notice.
2. **Shipping dates** are approximate. They are dependent upon credit approval and subject to delays beyond our control.
3. **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.
4. **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.
5. **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.
6. **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.
7. **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.
8. **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.
9. **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:
  - o Humidity Sensors
  - o Batteries
  - o Electro-Chemical Gas Sensors
  - o Snap Switches
  - o Any component which exceed its normal life cycle
  - o 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.

10. **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.
11. **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	<b>+\$36.50</b>
<b>Example:</b> MS2-W101-LCD		
-BC	BACnet Communications	<b>+75.00</b>
<b>Example:</b> MS2-W101-BC		
-MC	Modbus® Communications	<b>+75.00</b>
<b>Example:</b> MS2-W101-MC		
-NIST	NIST traceable calibration certificate	<b>+139.00</b>
<b>Example:</b> MS2-W101-NIST		
-FC	Factory calibration certificate	<b>+30.00</b>
<b>Example:</b> MS2-W101-FC		

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

ⓑ Items are subject to Schedule B discounts.

# 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)	<b>\$86.00</b>
MS-321*	0 to 10 V	0.1 in, 0.25 in, 0.5 in w.c. (25, 50, 100 Pa)	<b>86.00</b>
MS-721*	0 to 5 V	0.1 in, 0.25 in, 0.5 in w.c. (25, 50, 100 Pa)	<b>86.00</b>
MS-111*	4 to 20 mA	1 in, 2 in, 5 in w.c. (250, 500, 1250 Pa)	<b>86.00</b>
MS-311*	0 to 10 V	1 in, 2 in, 5 in w.c. (250, 500, 1250 Pa)	<b>86.00</b>
MS-711*	0 to 5 V	1 in, 2 in, 5 in w.c. (250, 500, 1250 Pa)	<b>86.00</b>
MS-131	4 to 20 mA	10 in w.c. (2 kPa)	<b>93.50</b>
MS-141	4 to 20 mA	15 in w.c. (3 kPa)	<b>93.50</b>
MS-151	4 to 20 mA	25 in w.c. (5 kPa)	<b>93.50</b>
MS-331	0 to 10 V	10 in w.c. (2 kPa)	<b>93.50</b>
MS-341	0 to 10 V	15 in w.c. (3 kPa)	<b>93.50</b>
MS-351	0 to 10 V	25 in w.c. (5 kPa)	<b>93.50</b>
MS-021	4 to 20 mA	±0.1 in, 0.25 in, 0.5 in w.c. (±25, 50, 100 Pa)	<b>102.00</b>
MS-221	0 to 10 V	±0.1 in, 0.25 in, 0.5 in w.c. (±25, 50, 100 Pa)	<b>102.00</b>
MS-621	0 to 5 V	±0.1 in, 0.25 in, 0.5 in w.c. (±25, 50, 100 Pa)	<b>102.00</b>

**\*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	<b>\$50.00</b>
A-480	Plastic static pressure tip	<b>0.80</b>
A-481	Installer kit. Includes 2 plastic static pressure tips and 7 ft (2.1 m) of PVC tubing	<b>4.25</b>
A-489	4" straight static pressure tip with flange	<b>6.67</b>
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	<b>9.20</b>
SCD-PS	100 to 240 VAC/VDC to 24 VDC Power supply	<b>30.00</b> ⓑ

ⓑ Items are subject to Schedule B discounts.

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



# COMPACT DIFFERENTIAL PRESSURE TRANSMITTER

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

MODEL CHART						
Example	668	B	-08	-1	668B-08-1	Price
Series	668				Compact differential pressure transmitter	-
Connection		B			Front	\$137.00
		D			Bottom	137.00
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 <sup>(N)</sup>

<sup>(N)</sup> 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

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# 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

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# 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		

# 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 <sup>ⓑ</sup>
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 <sup>ⓑ</sup>

<sup>ⓑ</sup> 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 <sup>(B)</sup>	607-71*	0 to 5.0	\$719.00 <sup>(B)</sup>
607-01*	0 to .10	722.00 <sup>(B)</sup>	607-8	0 to 10	483.00 <sup>(B)</sup>
607-1	0 to .25	537.00 <sup>(B)</sup>	607-0B	0 to ±.10	554.00 <sup>(B)</sup>
607-11*	0 to .25	818.00 <sup>(B)</sup>	607-1B	0 to ±.25	553.00 <sup>(B)</sup>
607-2	0 to .50	521.00 <sup>(B)</sup>	607-2B	0 to ±.50	521.00 <sup>(B)</sup>
607-21*	0 to .50	780.00 <sup>(B)</sup>	607-9	0 to 25	483.00 <sup>(B)</sup>
607-3	0 to 1.0	483.00 <sup>(B)</sup>	607-3B	0 to ±1.0	483.00 <sup>(B)</sup>
607-4	0 to 2.0	483.00 <sup>(B)</sup>	607-4B	0 to ±2.0	534.00 <sup>(B)</sup>
607-7	0 to 5.0	483.00 <sup>(B)</sup>	607-7B	0 to ±5.0	480.00 <sup>(B)</sup>

\*Models have a ±0.25% FS accuracy.  
<sup>(B)</sup> 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

# 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 <sup>(N)</sup>	RSM-1-B	±0.05 in w.c.	\$1075.00 <sup>(N)</sup>
RSM-2-A	±0.1 in w.c.	1075.00 <sup>(N)</sup>	RSM-2-B	±0.1 in w.c.	1075.00 <sup>(N)</sup>
RSM-3-A	±0.25 in w.c.	1075.00 <sup>(N)</sup>	RSM-3-B	±0.25 in w.c.	1075.00 <sup>(N)</sup>
RSM-4-A	±0.5 in w.c.	1075.00 <sup>(N)</sup>	RSM-4-B	±0.5 in w.c.	1075.00 <sup>(N)</sup>
RSM-5-A	±1 in w.c.	1075.00 <sup>(N)</sup>	RSM-5-B	±1 in w.c.	1075.00 <sup>(N)</sup>
RSM-6-A	±2.5 in w.c.	1075.00 <sup>(N)</sup>	RSM-6-B	±2.5 in w.c.	1075.00 <sup>(N)</sup>

\*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.  
<sup>(N)</sup> 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 <sup>(N)</sup>

<sup>(N)</sup> Items are net priced and are not subject to any discount.

SERIES DH3

# 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.

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		

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 4" straight static pressure tip with flange	34.25
A-489		6.67

# 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 <sup>(B)</sup>
BDPA-04-2-N	0.12 to 1.60 (30 to 400)	0.06 (15)	0.09 (23)	84.00 <sup>(B)</sup>
BDPA-03-2-N	0.20 to 2.00 (50 to 500)	0.08 (20)	0.09 (23)	84.00 <sup>(B)</sup>
BDPA-05-2-N	0.80 to 4.00 (200 to 1000)	0.4 (100)	0.5 (130)	84.00 <sup>(B)</sup>
BDPA-06-2-N	2.00 to 10.00 (500 to 2500)	0.6 (150)	0.8 (200)	84.00 <sup>(B)</sup>
BDPA-07-2-N	4.00 to 20.00 (1000 to 5000)	1.0 (250)	1.4 (350)	84.00 <sup>(B)</sup>

<sup>(B)</sup> Items are subject to Schedule B discounts.

MODEL CHART - BYDS		
Model	Description	Price
BYDS	Bypass damper version	\$60.50 <sup>(B)</sup>
Note: All models available online.		
<sup>(B)</sup> 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

# 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
<b>Weatherproof Housing</b> 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. <b>Note:</b> To order, change 1910 base number to 1911, add -WP suffix and <b>+\$220.00<sup>(N)</sup></b> . <b>Example:</b> 1911-1-WP
<b>Explosion-Proof Housing</b> 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. <b>Note:</b> To order, change 1910 base number to 1911, add -EXPL suffix and <b>+\$750.00</b> . <b>Example:</b> 1911-1-EXPL
<b>Manual Reset Option (Model 1900 MR)</b> 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. <b>Note:</b> To order, change 1910 base number to 1900, add -MR suffix and <b>+\$25.00</b> . <b>Example:</b> 1900-10-MR
<sup>(N)</sup> 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 <sup>(N)</sup>
645-1	0 to 2 psid	473.00 <sup>(N)</sup>
645-2	0 to 5 psid	473.00 <sup>(N)</sup>
645-3	0 to 10 psid	473.00 <sup>(N)</sup>
645-4	0 to 25 psid	473.00 <sup>(N)</sup>
645-5	0 to 50 psid	473.00 <sup>(N)</sup>
645-6	0 to 100 psid	473.00 <sup>(N)</sup>

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

<sup>(N)</sup> 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								Price	
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						0 to 5 psid	-
		02						0 to 10 psid	-
		03						0 to 25 psid	-
		04						0 to 50 psid	-
		05						0 to 100 psid	-
		06						0 to 150 psid	-
		07						0 to 200 psid	-
		08						0 to 300 psid	-
		09						0 to 500 psid	-
		11						0 to 0.5 bar differential	-
		12						0 to 1 bar differential	-
		13						0 to 2 bar differential	-
		14						0 to 4 bar differential	-
		15						0 to 6 bar differential	-
		16						0 to 10 bar differential	-
		17						0 to 15 bar differential	-
		18						0 to 20 bar differential	-
		19						0 to 30 bar differential	-
Housing			CH					Conduit housing, NEMA 4X (IP66)	-
			R1					Conduit housing, NEMA 4X (IP66) with Remote Sensor and 10' shielded cable	100.00
			R2					Conduit housing, NEMA 4X (IP66) with Remote Sensor and 20' shielded cable	180.00
			R5					Conduit housing, NEMA 4X (IP66) with Remote Sensor and 10' armored cable	275.00
			R6					Conduit housing, NEMA 4X (IP66) with Remote Sensor and 20' armored cable	390.00
Process Connection				P1				1/4" male NPT	-
				P2				1/4" female NPT	-
				P3				1/4" male BSPT	-
				P4				1/4" female BSPT	-
Electrical Connection					E1			Cable gland with 3' of prewired cable	-
					E2			Cable gland with 6' of prewired cable	+5.00
					E3			Cable gland with 9' of prewired cable	+5.70
					E5			1/2" female NPT conduit	-
					E9			M-12 4 pin connector	-
Signal Output						S1		4 to 20 mA	-
						S3		Field selectable 0-5, 1-5, 0-10, 2-10 VDC	-
Options							3V	3-way valve	+121.00
							AT	Aluminum tag	+14.25
							FC	Factory calibration certificate	+30.00
							LCD	LCD indication	+100.00
							NIST	NIST traceable certificate	+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 <sup>(B)</sup>
3500-AL-04-NF-2	0 to 30 in w.c.	1900.00 <sup>(B)</sup>
3500-AL-08-NF-2	0 to 100 in w.c.	1900.00 <sup>(B)</sup>
3500-AL-10-NF-2	-200 to 200 in w.c.	1900.00 <sup>(B)</sup>
3500-AL-15-NF-2	0 to 1000 in w.c.	1900.00 <sup>(B)</sup>
3500-AL-20-NF-2	0 to 15 psi	1900.00 <sup>(B)</sup>
3500-AL-25-NF-2	0 to 100 psi	1900.00 <sup>(B)</sup>

Note: Bar ranges are also available.

<sup>(B)</sup> Items are subject to Schedule B discounts.

ACCESSORIES		
Model	Description	Price
A-630	Stainless steel angle type bracket with SS bolts	\$89.00 <sup>(B)</sup>
A-631	Stainless steel flat type bracket with SS bolts	89.00 <sup>(B)</sup>
BBV-0N	2-valve block manifold	94.00
DevCom2000	HART® communication protocol software	1500.00 <sup>(B)</sup>

<sup>(B)</sup> 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										Aluminum housing	-	
		AS										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								1/4" female NPT adapter	-	
				DS								Diaphragm seal selection	-	
Electrical Connections					1							Packing gland M20x1.5	-	
					2							Thread 1/2" female NPT	-	
Diaphragm Seal Type						SPDH						S-P flush diaphragm seal direct mount high side	+77.00	
						SPRB						S-PK flush diaphragm seal capillary type both sides	+442.00	
						SPRH						S-PK flush diaphragm seal capillary type high side	+187.00	
						STDH						S-T extended diaphragm seal direct mount high side	+77.00	
						STRB						S-TK extended diaphragm seal capillary type both sides	+442.00	
						STRH						S-TK extended diaphragm seal capillary type high side	+187.00	
Mounting Flange							A					2" ANSI	+440.00	
							B					2" DN50	+440.00	
							C					3" ANSI	+612.00	
							D					3" DN80	+612.00	
Extension Length								0				No extension, flush mount	-	-
								2				2" (50 mm)	+508.00	+732.00
								4				4" (100 mm)	+568.00	+832.00
								6				6" (150 mm)	+612.00	+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 <sup>(D)</sup>	
										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	

<sup>(D)</sup> 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 <sup>Ⓢ</sup>	+25.00
		01						0 to 30 psia <sup>Ⓢ</sup>	+25.00
		02						0 to 50 psia <sup>Ⓢ</sup>	+25.00
		03						0 to 100 psia <sup>Ⓢ</sup>	+25.00
		04						0 to 200 psia <sup>Ⓢ</sup>	+25.00
		05						0 to 300 psia <sup>Ⓢ</sup>	+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 <sup>Ⓢ</sup>	-
		13						0 to 300 psi <sup>Ⓢ</sup>	-
		14						0 to 500 psi <sup>Ⓢ</sup>	-
		22						0 to 600 psi <sup>Ⓢ</sup>	-
		15						0 to 1000 psi	-
		16						0 to 1500 psi <sup>Ⓢ</sup>	+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 <sup>Ⓢ</sup>	-
				P9				1/2" male NPT <sup>Ⓢ</sup>	-
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 <sup>Ⓢ</sup>	+5.00
					E5			1/2" female NPT conduit <sup>Ⓢ</sup>	-
					E6			M-12 4 pin connector-UL <sup>Ⓢ</sup>	+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 <sup>Ⓢ</sup> <sup>Ⓢ</sup>	-
					S8			Selectable 0 to 5, 1 to 5, 0 to 10, 2 to 10 VDC <sup>Ⓢ</sup>	-
Options						AT		Aluminum tag	+14.25
						LCD		LCD indication <sup>Ⓢ</sup>	+100.00
						NIST		NIST traceable certificate	+139.00
						NW		NSF/ANSI 61/372 certified	+59.00

Ⓢ Available with -GH housing only, NEMA 4 (IP65)    Ⓢ Available with -CB housing only    Ⓢ Power requirement: 5 VDC ±10%    Ⓢ Available with -GH housing only    Ⓢ Absolute ranges for 626 are 0.5% FS accuracy and for 628 are 2% FS accuracy  
 Ⓢ UL 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., ±1.0% Accuracy, NEMA 4 (IP56) Enclosure, 2-Wire

MODEL CHART		
Model	Range	Price
647-0	0 to 1 in w.c.	\$576.00 <sup>ⓑ</sup>
647-1	0 to 3 in w.c.	424.00 <sup>ⓑ</sup>
647-2	0 to 25 in w.c.	424.00 <sup>ⓑ</sup>
647-3	0 to 5 in w.c.	424.00 <sup>ⓑ</sup>
647-4	0 to 10 in w.c.	424.00 <sup>ⓑ</sup>

<sup>ⓑ</sup> Items are subject to Schedule B discounts.

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

SERIES DX

## 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

## 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

## 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							Duct mount probe only	\$7.30
	DFG							Duct mount probe in general purpose housing	13.00
	DFW							Duct mount probe in NEMA 4X housing	15.50
	IBN							Immersion probe only	7.30
	IBG							Immersion probe in general purpose housing	13.00
	IBW							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" (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

# 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							Immersion in general purpose housing	\$7.30
	ITW							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 <sup>(N)</sup>
CC1-GY	Grey	1.30 <sup>(N)</sup>
Note: Sold individually		
<sup>(N)</sup> Items are net priced and are not subject to any discount.		

SERIES O-4

# 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

# 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 <sup>®</sup> 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

# 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

# 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

# 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

# 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

# EXPLOSION-PROOF RTD TEMPERATURE TRANSMITTER

User Selectable Ranges, Optional LCD Display

MODEL CHART						
Example	TTE	-1	04	-W	-LCD	TTE-104-W-LCD
Series	TTE					Explosion-proof RTD temperature transmitter
Agency		1				FM*
		2				ATEX/IECEx flameproof
Probe Length			02			2" probe
			04			4" probe
			06			6" probe
			09			9" probe
			12			12" probe
			15			15" probe
		18			18" probe	
Construction				W		Well probe
Options						Blank
						BSPT
						C5
						LCD
						M20

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

\*Options that do not have ATEX and IECEx.  
Attention: Units without the "2" suffix following "TTE" are not directive 2014/34/EU (ATEX) Compliant. 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.

# WALL MOUNT HUMIDITY/TEMPERATURE/DEW POINT TRANSMITTER

Optional LCD Display

MODEL CHART							
Example	RHP	-3	N	A	-LCD	RHP-3N4A-LCD	Price
Series	RHP					Humidity/temperature/ dew point transmitter	-
Accuracy		2				2% accuracy	<b>+\$29.25</b>
		3				3% accuracy	<b>+18.75</b>
		5				5% accuracy	-
Housing			E			European style wall mount	<b>77.50</b>
			N			North American style wall mount	<b>77.50</b>
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	<b>+10.00</b>
				A		10K Ω @ 25°C thermistor type III	<b>+5.00</b>
				B		10K Ω @ 25°C thermistor type II	<b>+5.00</b>
				C		3K Ω @ 25°C thermistor	<b>+6.00</b>
				D		100 Ω RTD DIN 385	<b>+6.00</b>
				E		1K Ω RTD DIN 385	<b>+6.00</b>
			F		20K Ω @ 25°C thermistor	<b>+5.00</b>	
Options					LCD	LCD display	<b>+50.00</b>
					NIST	NIST traceable calibration certificate	<b>+121.00</b>

ACCESSORIES		
Model	Description	Price
A-449	Remote LCD display allows remote indication of select Dwyer wall mount transmitters for validation or certification purposes	<b>\$50.00</b>
SCD-PS	100-240 VAC/VDC to 24 VDC power supply	<b>30.00<sup>(B)</sup></b>

<sup>(B)</sup> Items are subject to Schedule B discounts.

SERIES RHP

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

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

SERIES RHRS

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# OUTSIDE AIR HUMIDITY RADIATION SHIELD

6 or 10 Plate Design, Integral Pipe Mounting Kit

MODEL CHART		
Model	Description	Price
RHRS	6 plate radiation shield	<b>\$41.25</b>
RHRS-10	10 plate radiation shield	<b>88.00</b>

**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

# 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

# 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

# CARBON DIOXIDE/TEMPERATURE TRANSMITTER

NDIR CO<sub>2</sub> Sensor, Universal Outputs, Optional Relay

MODEL CHART						
Example	CDT	-2	N	4	4	-LCD
Series	CDT					CDT-2N44-LCD
Range		2 5				Carbon dioxide/ temperature transmitter
Configuration			N E D			0 to 2000 ppm CO <sub>2</sub> range 0 to 5000 ppm CO <sub>2</sub> range
CO <sub>2</sub>				4		North American style wall mount European style wall mount Duct mount
Temperature Output					0 4 A B C D E F	4 to 20 mA / 0 to (5 or 10) VDC
Options					FC LCD RLY NBC	None 4 to 20 mA / 0 to (5 or 10) VDC 10 KΩ NTC thermistor type III 10 KΩ NTC thermistor type II 3 KΩ NTC thermistor Pt100 Ω RTD Pt1000 Ω RTD 20 KΩ NTC thermistor

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 <sub>2</sub> gas cylinder for calibrating the span point on Dwyer's gas sensing transmitters	\$356.00 <sup>(N)</sup>
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 <sup>(N)</sup>

<sup>(N)</sup> Items are net priced and are not subject to any discount.

# COMMUNICATING CARBON DIOXIDE DETECTOR

Measures CO<sub>2</sub>, Humidity, Temperature, Temperature Set Point, and Override

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

OPTIONS		
To order add suffix:	Description	Price
-FC	Factory calibration certificate	<b>\$30.00</b>

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 <sub>2</sub> gas cylinder for calibrating the span point on Dwyer's gas sensing transmitters	<b>\$356.00</b> Ⓝ
A-449	Remote LCD display allows remote indication of select Dwyer® wall mount transmitters for validation or certification purposes	<b>50.00</b>
A-449A	Remote LCD display with buttons allows remote indication and calibration of select Dwyer® wall mount transmitters for validation and certification purposes	<b>100.00</b>
A-CDT-KIT	Accessory kit including terminal block and power supply	<b>35.00</b> Ⓝ

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

# CARBON DIOXIDE/RH/TEMPERATURE TRANSMITTER

NDIR CO<sub>2</sub> Sensor, Universal CO<sub>2</sub>/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 <sub>2</sub> range 0 to 5000 ppm CO <sub>2</sub> range	- -
Configuration			N E D					North American style wall mount European style wall mount Duct mount	<b>\$217.00</b> <b>217.00</b> <b>253.00</b>
CO <sub>2</sub> 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	- <b>+5.00</b> <b>+5.00</b> <b>+6.00</b> <b>+6.00</b> <b>+6.00</b> <b>+5.00</b>
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)	<b>+30.00</b> <b>+35.00</b> <b>+10.00</b> -

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 <sub>2</sub> gas cylinder for calibrating the span point on Dwyer's gas sensing transmitters	<b>\$356.00</b> Ⓝ
A-449	Remote LCD display allows remote indication of select Dwyer® wall mount transmitters for validation or certification purposes	<b>50.00</b>
A-449A	Remote LCD display with buttons allows remote indication and calibration of select Dwyer® wall mount transmitters for validation and certification purposes	<b>100.00</b>
A-CDT-KIT	Accessory kit including terminal block and power supply	<b>35.00</b> Ⓝ

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

# CARBON DIOXIDE/VOLATILE ORGANIC COMPOUND TRANSMITTER

Simultaneously Outputs Both CO<sub>2</sub> / 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 5						0 to 2000 ppm CO <sub>2</sub> range 0 to 5000 ppm CO <sub>2</sub> range	-
Configuration			D N					Duct North American style wall mount	35.00 -
CO <sub>2</sub> Output				4				4 to 20 mA / 0 to (5 or 10) VDC	-
Temperature Output					0 A B C D E F			None 10 KΩ NTC thermistor type III 10 KΩ NTC thermistor type II 3 KΩ NTC thermistor Pt100 Ω RTD Pt1000 Ω RTD 20 KΩ NTC thermistor	- +5.00 +5.00 +6.00 +6.00 +6.00 +5.00
VOC Output						4		4 to 20 mA / 0 to (5 or 10) VDC	-
Options							RLY FC LCD COC	Relay Factory calibration certificate LCD display (wall only) Certificate of calibration	+10.00 +30.00 +35.00 -

SERIES CDWP

# CARBON DIOXIDE TRANSMITTER

NDIR CO<sub>2</sub> 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 05 10				2000 PPM 5000 PPM 10000 PPM	- - -
Mounting			W H			Wall mount Suspended mount	- +15.00
Electrical Connection				C1 C5 M4 M6		Cable gland 1 to 6 mm cable Cable gland 5 to 10 mm cable M12 connection 4 to 6 mm cable M12 connection 6 to 8 mm cable	- - +40.00 +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

# CARBON MONOXIDE/NITROGEN DIOXIDE GAS TRANSMITTER

High Accuracy Electrochemical Sensor, Universal Output or BACnet or Modbus<sup>®</sup> Communication Protocol Options

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

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

<sup>(N)</sup> Items are net priced and are not subject to any discount.

SERIES CMT200

# 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 <sup>(N)</sup>
A-505	Replacement Carbon Monoxide Sensor	50.00
A-507A	Calibration adaptor	35.00 <sup>(N)</sup>

<sup>(N)</sup> 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

# 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 <sup>Ⓟ</sup>
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 <sup>Ⓟ</sup>

<sup>Ⓟ</sup> Items are subject to Schedule B discounts.

SERIES 641

# 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

# 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 <sup>Ⓟ</sup>
AVFS-2	24 VDC power thermo air flow switch	250.00 <sup>Ⓟ</sup>

<sup>Ⓟ</sup> 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

## FUME HOOD MONITOR

Ensures Proper Fume Hood Performance

MODEL CHART		
Model	Description	Price
670	Fume hood monitor	\$471.00 <sup>Ⓟ</sup>

<sup>Ⓟ</sup> Items are subject to Schedule B discounts.

SERIES AFG

## 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 <sup>Ⓟ</sup>
AFG-2	5/8 (16)	59-4/5 (1518)	567.00 <sup>Ⓟ</sup>

<sup>Ⓟ</sup> Items are subject to Schedule B discounts.

SERIES MAFS

## 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

## 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

# 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

# INSERTION ELECTROMAGNETIC FLOW TRANSMITTER

Field Configurable, High Accuracy, BACnet or Modbus® Protocol

MODEL CHART							
Example	IEF	-H	N	-CND	-LCD	IEF-HN-CND-LCD	Price
Series	IEF					Insertion electromagnetic flow transmitter	\$1300.00
Accuracy		H				High accuracy; 1% of reading High accuracy with CC option Standard accuracy; 1% FS	+450.00 +250.00 -
Process Connection			N			1" NPT 1" BSPT	- -
Electrical Housing Connector				CND PG 10		1/2" female NPT PG 16 gland PG 16 gland with (2) 10' (3 m) plenum rated cables	- - -
Options					LCD COM	Integral LCD BACnet or Modbus® communication protocol (display selectable)	+250.00 +300.00
					NIST	Six point NIST traceable calibration certificate	+300.00
					FC	Factory calibration certificate for 0.5% of reading at single point	+150.00
					CC*	Custom configured for specific installation	-
					NW	NSF Certified	+250.00

\*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 <sup>(B)</sup>
Power/Size		04 06 08 10					DC powered 4" pipe DC powered 6" pipe DC powered 8" pipe DC powered 10" pipe	+162.00 <sup>(B)</sup> +374.00 <sup>(B)</sup> +704.00 <sup>(B)</sup> +1203.00 <sup>(B)</sup>
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 <sup>(B)</sup> +325.00 <sup>(B)</sup> +482.00 <sup>(B)</sup> +638.00 <sup>(B)</sup> +238.00 <sup>(B)</sup>
*Units: Gal or liter depending on (rate/total unit) selection rate measurement								
**20-foot (6 m) cable standard								
***Display is standard								
<sup>(B)</sup> Items are subject to Schedule B discounts.								

SERIES TUF

# ULTRASONIC ENERGY METER

Flow & Temperature Monitoring Capability, Modbus<sup>®</sup> 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 <sup>®</sup>	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 <sup>®</sup>	G1	0.2 (0.8)	11 (42)	22 (83)	3.1 (1.4)	478.00
TUF-250-MD	DN25	1	25	C	Modbus <sup>®</sup>	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 <sup>®</sup>	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 <sup>®</sup>	G2	0.9 (3)	44 (167)	88 (333)	6.6 (3)	779.00
TUF-500-MD*	DN50	2	50	-	Modbus <sup>®</sup>	Flange	1.3 (5)	66 (250)	132 (500)	33 (15)	1774.00
TUF-650-MD	DN65	2-1/2	65	-	Modbus <sup>®</sup>	Flange	2.2 (8.3)	110 (417)	220 (833)	10.1 (4.6)	1914.00
TUF-800-MD	DN80	3	80	-	Modbus <sup>®</sup>	Flange	3.5 (13.3)	176 (667)	352 (1333)	13.5 (6.1)	2269.00
TUF-1000-MD	DN100	4	100	-	Modbus <sup>®</sup>	Flange	5.3 (20)	264 (1000)	528 (2000)	16.5 (7.5)	2728.00
TUF-1250-MD	DN125	5	125	-	Modbus <sup>®</sup>	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

# 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

# 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

# COMPACT ULTRASONIC FLOWMETER

Cost Effective, Compact & Adjustable Design, Non-Invasive

MODEL CHART		
Model	Description	Price
UFM-1	Compact ultrasonic flowmeter	\$2082.00 <sup>Ⓢ</sup>

<sup>Ⓢ</sup> Items are subject to Schedule B discounts.

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

MODEL UTG

# ULTRASONIC THICKNESS GAGE

Ideal For Use with Ultrasonic Flow Transmitters, Adjustable Sound Velocity

MODEL CHART		
Model	Description	Price
UTG	Ultrasonic thickness gage	\$258.00 <sup>Ⓢ</sup>

<sup>Ⓢ</sup> Items are subject to Schedule B discounts.

SERIES UFB & UFC

# 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 <sup>Ⓢ</sup>
UFB-123	2 to 79 (50 to 2000)	86 to 264 VAC	3351.00 <sup>Ⓢ</sup>
UFB-222	0.5 to 4.5 (13 to 115)	24 VAC/VDC	3259.00 <sup>Ⓢ</sup>
UFB-223	2 to 79 (50 to 2000)	24 VAC/VDC	3351.00 <sup>Ⓢ</sup>

<sup>Ⓢ</sup> 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 <sup>Ⓢ</sup>
UFC-123	2 to 79 (50 to 2000)	86 to 264 VAC	4002.00 <sup>Ⓢ</sup>
UFC-222	0.5 to 4.5 (13 to 115)	24 VDC/VAC	3909.00 <sup>Ⓢ</sup>
UFC-223	2 to 79 (50 to 2000)	24 VDC/VAC	4002.00 <sup>Ⓢ</sup>

<sup>Ⓢ</sup> 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
<b>Example:</b> 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
<b>Example:</b> V8-INC		
-WP	Weatherproof enclosure; optional housing is phenylpolioxide and provides weatherproof protection for electrical wiring; not UL approved	+24.25
<b>Example:</b> V8-WP		
-WP2	Optional housing is aluminum and provides weatherproof protection for electrical wiring; not UL approved	+24.25
<b>Example:</b> 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 <sup>ⓑ</sup>
MTL7706	Intrinsically safe zener barrier	439.00 <sup>ⓑ</sup>
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

<sup>ⓑ</sup> 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 <sup>ⓑ</sup>
MTL7706	Intrinsically safe zener barrier	439.00 <sup>ⓑ</sup>
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

<sup>ⓑ</sup> 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 <sup>(B)</sup>
ULSM-10	9.8' (3 m)	503.00 <sup>(B)</sup>
ULSL-10	18' (5.5 m)	614.00 <sup>(B)</sup>

Note: USB adapter necessary for calibration.  
One adapter can program multiple units.  
<sup>(B)</sup> Items are subject to Schedule B discounts.

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

<sup>(B)</sup> Items are subject to Schedule B discounts.

SERIES WD3

# 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 <sup>(N)</sup>

<sup>(N)</sup> Items are net priced and are not subject to any discount.

SERIES WD | W.E. ANDERSON™ BY DWYER

# WATER DETECTOR AND SENSOR TAPE

## Detects Low Levels Of Conductive Liquids, Large Measuring Area

MODEL CHART		
Model	Description	Price
WD	Water module	\$164.00 <sup>(B)</sup>
TP05	5' (1.52 m) tape	49.00 <sup>(B)</sup>
TP10	10' (3.05 m) tape	64.50 <sup>(B)</sup>
TP15	15' (4.57 m) tape	99.00 <sup>(B)</sup>
TP25	25' (7.62 m) tape	140.00 <sup>(B)</sup>

<sup>(B)</sup> Items are subject to Schedule B discounts.

SERIES CFS2 | MERCOID® BY DWYER

# 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	<b>+\$12.75</b>
<b>Example:</b> L8-MV		
-INC	Inconel® alloy. Inconel® alloy replaces standard 316 SS wetted parts. Wetted parts are Inconel® Alloy, Ceramic 8, and Polyphenylene Sulfide.	<b>+25.00</b>
<b>Example:</b> L8-INC		
-WP	Weatherproof enclosure. Optional housing is phenylpolioxide and provides weatherproof protection for electrical wiring. (Not UL approved)	<b>+24.25</b>
<b>Example:</b> L8-WP		
-WP2	Weatherproof enclosure. Optional housing is aluminum and provides weatherproof protection for electrical wiring. (Not UL approved)	<b>+24.25</b>
<b>Example:</b> 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)	<b>\$20.50</b>
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)	<b>20.50</b>
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)	<b>20.50</b>
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)	<b>41.50</b>
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)	<b>41.50</b>
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)	<b>214.00<sup>ⓑ</sup></b>
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. operation	22 AWG, 24" (61 cm)	3/8"-24" UNF-2A	2 (58)	<b>\$166.00<sup>ⓑ</sup></b>
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)	<b>166.00<sup>ⓑ</sup></b>
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)	<b>312.00<sup>ⓑ</sup></b>
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)	<b>84.50<sup>ⓑ</sup></b>
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)	<b>176.00<sup>ⓑ</sup></b>
† 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. <b>Example:</b> F7-EBX, <b>\$540.00<sup>ⓑ</sup></b> ** Model available with normally closed switch. <b>Example:</b> F7-EBNC, <b>\$3210.00<sup>ⓑ</sup></b>										
ⓑ Items are subject to Schedule B discounts. ⓓ 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

# 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

# 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

# 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

# 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	Split	1.5 to 200 A	1.5 fixed	Under	Yes	82.00
SCS-220015	Split	.15 to 200 A	0.15 fixed	Under	No	51.00							

SERIES SCT

# 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

# 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

# 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

# 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

# POWER SUPPLY

MODEL CHART		
Model	Description	Price
A-700	0.5 A	\$93.00 <sup>(N)</sup>
A-700-2	2 A	173.00 <sup>(N)</sup>
A-700-4	4.8 A	216.00 <sup>(N)</sup>

<sup>(N)</sup> 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	2.49 lb (1.10 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	2.49 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 (1.10 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**

# 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 <sup>(B)</sup>
SPPM-28	2.8"	Voltage	133.00 <sup>(B)</sup>
SPPM-35	3.5"	Voltage	155.00 <sup>(B)</sup>
SPPM-24-C	2.4"	Current	129.00 <sup>(B)</sup>
SPPM-28-C	2.8"	Current	148.00 <sup>(B)</sup>
SPPM-35-C	3.5"	Current	170.00 <sup>(B)</sup>

<sup>(B)</sup> Items are subject to Schedule B discounts.

ACCESSORIES		
Model	Description	Price
A-SPPM-TC	Thermocouple input board	\$42.25 <sup>(B)</sup>
SPPM-CA	Mini USB to full USB cable	12.00 <sup>(B)</sup>
SPPM-HSG24	2.4" display housing	77.50 <sup>(B)</sup>
SPPM-HSG28	2.8" display housing	77.50 <sup>(B)</sup>

**Note:** Additional configurations available via online software.  
<sup>(B)</sup> Items are subject to Schedule B discounts.

**SERIES SPPM2**

# 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 <sup>(B)</sup>
SPPM2-43-D	4.3" interface panel with development board	786.00 <sup>(B)</sup>

<sup>(B)</sup> 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 <sup>(B)</sup>
DPM-24P	Regulated 120 VAC to 24 VDC power supply	26.75 <sup>(B)</sup>

<sup>(B)</sup> 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 <sup>(B)</sup>	DPMW-401P	Current	Amber	V, A, KW, PF	3-1/2"	\$80.00 <sup>(B)</sup>
DPMA-402	Current	Red	°F, °C, %, PSI	3-1/2"	103.00 <sup>(B)</sup>	DPMW-402P	Current	Green	V, A, KW, PF	3-1/2"	80.00 <sup>(B)</sup>
DPMA-404	Current	Green	°F, °C, %, PSI	3-1/2"	103.00 <sup>(B)</sup>	DPMW-403P	Current	Red	V, A, KW, PF	3-1/2"	80.00 <sup>(B)</sup>
DPMA-501	Voltage	Amber	°F, °C, %, PSI	3-1/2"	103.00 <sup>(B)</sup>	DPMP-401*	Current	Amber	°F, °C, %, PSI	3-1/2"	74.50 <sup>(B)</sup>
DPMA-502	Voltage	Red	°F, °C, %, PSI	3-1/2"	103.00 <sup>(B)</sup>	DPMP-402*	Current	Green	°F, °C, %, PSI	3-1/2"	74.50 <sup>(B)</sup>
DPMA-504	Voltage	Green	°F, °C, %, PSI	3-1/2"	103.00 <sup>(B)</sup>	DPMP-403*	Current	Red	°F, °C, %, PSI	3-1/2"	74.50 <sup>(B)</sup>
DPMA-401P	Current	Amber	V, A, KW, PF	3-1/2"	103.00 <sup>(B)</sup>	DPMP-501*	Voltage	Amber	°F, °C, %, PSI	3-1/2"	75.50 <sup>(B)</sup>
DPMA-402P	Current	Red	V, A, KW, PF	3-1/2"	103.00 <sup>(B)</sup>	DPMP-502*	Voltage	Green	°F, °C, %, PSI	3-1/2"	75.50 <sup>(B)</sup>
DPMA-404P	Current	Green	V, A, KW, PF	3-1/2"	103.00 <sup>(B)</sup>	DPMP-503*	Voltage	Red	°F, °C, %, PSI	3-1/2"	75.50 <sup>(B)</sup>
DPMA-501P	Voltage	Amber	V, A, KW, PF	3-1/2"	103.00 <sup>(B)</sup>	DPMP-401P*	Current	Amber	V, A, KW, PF	3-1/2"	72.00 <sup>(B)</sup>
DPMA-502P	Voltage	Red	V, A, KW, PF	3-1/2"	103.00 <sup>(B)</sup>	DPMP-402P*	Current	Green	V, A, KW, PF	3-1/2"	72.00 <sup>(B)</sup>
DPMA-504P	Voltage	Green	V, A, KW, PF	3-1/2"	103.00 <sup>(B)</sup>	DPMP-403P*	Current	Red	V, A, KW, PF	3-1/2"	72.00 <sup>(B)</sup>
DPMW-401	Current	Amber	°F, °C, %, PSI	3-1/2"	80.00 <sup>(B)</sup>	DPMP-501P*	Voltage	Amber	V, A, KW, PF	3-1/2"	74.50 <sup>(B)</sup>
DPMW-402	Current	Green	°F, °C, %, PSI	3-1/2"	80.00 <sup>(B)</sup>	DPMP-502P*	Voltage	Green	V, A, KW, PF	3-1/2"	75.50 <sup>(B)</sup>
DPMW-403	Current	Red	°F, °C, %, PSI	3-1/2"	80.00 <sup>(B)</sup>	DPMP-503P*	Voltage	Red	V, A, KW, PF	3-1/2"	74.50 <sup>(B)</sup>

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

<sup>(B)</sup> 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 <sup>(B)</sup>
DPMX-2	Green	90 to 250 VAC	337.00 <sup>(B)</sup>
DPMX-3	Red	90 to 250 VAC	337.00 <sup>(B)</sup>
DPMX-1-LV	Blue	10.5 to 30 VAC/VDC	337.00 <sup>(B)</sup>
DPMX-2-LV	Green	10.5 to 30 VAC/VDC	337.00 <sup>(B)</sup>
DPMX-3-LV	Red	10.5 to 30 VAC/VDC	337.00 <sup>(B)</sup>

<sup>(B)</sup> Items are subject to Schedule B discounts.

SERIES LC1132

# COMPACT PROCESS INDICATOR

1/32 DIN, Fully Programmable

MODEL CHART			
Model	Input	Supply Voltage	Price
LC1132-00	±100 VDC; ±20 VDC; ±10 VDC; ±200 VDC; ±20 mA DC	120/240 VAC	\$216.00
LC1132-01	±100 VDC; ±20 VDC; ±10 VDC; ±200 VDC; ±20 mA DC	24/48 VAC	216.00
LC1132-10	±100 VAC; 600 VAC; 5 A (DC) 1A (AC); -199.9 to +600 VDC; ±100 VDC -1.999 to 5 A (DC) ±1 A (DC);	120/240 VAC	216.00
LC1132-11	±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 A-360	Din adaptor Aluminum DIN rail 1 m	\$2.10 8.60

SERIES 781 & 782

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# 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 <sup>(B)</sup>
781XAXRM4L-120A	AC	120 VAC 50/60 Hz	4430 Ω	15 A @ 277 VAC (50/60 Hz) or 28 VDC	7.30 <sup>(B)</sup>
781XAXRM4L-240A	AC	240 VAC 50/60 Hz	15720 Ω	15 A @ 277 VAC (50/60 Hz) or 28 VDC	9.30 <sup>(B)</sup>
781XAXRM4L-24D	DC	24 VDC	750 Ω	15 A @ 277 VAC (50/60 Hz) or 28 VDC	7.30 <sup>(B)</sup>
782XBXM4L-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 <sup>(B)</sup>
782XBXM4L-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 <sup>(B)</sup>
782XBXM4L-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 <sup>(B)</sup>
782XBXM4L-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 <sup>(B)</sup>

<sup>(B)</sup> Items are subject to Schedule B discounts.

ACCESSORIES		
Model	Description	Price
70-781D5-1A	Socket for 781 series relay	\$5.20 <sup>(N)</sup>
70-782D8-1A	Socket for 782 series relay	6.70 <sup>(N)</sup>

<sup>(N)</sup> Items are net priced and are not subject to any discount.

SERIES CSE-3R

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# 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 <sup>(B)</sup>	A-SSE-P-1212	3 (1.4)	\$14.25 <sup>(B)</sup>
CSE-3R-161206	16 (41)	12 (30)	6 (15)	16 (7)	104.00 <sup>(B)</sup>	A-SSE-P-1612	4 (1.8)	15.25 <sup>(B)</sup>
CSE-3R-201606	20 (51)	16 (41)	6 (15)	25 (11)	139.00 <sup>(B)</sup>	A-SSE-P-2016	8 (3.6)	31.00 <sup>(B)</sup>
CSE-3R-242006	24 (61)	20 (51)	6 (15)	32 (15)	213.00 <sup>(B)</sup>	A-SSE-P-2420	14 (6.4)	46.50 <sup>(B)</sup>
CSE-3R-302408	30 (76)	24 (61)	8 (20)	60 (27)	294.00 <sup>(B)</sup>	A-SSE-P-3024	22 (10)	64.00 <sup>(B)</sup>
CSE-3R-362408	36 (91)	24 (61)	8 (20)	62 (28)	429.00 <sup>(B)</sup>	A-SSE-P-3624	27 (12.2)	77.00 <sup>(B)</sup>
CSE-3R-363008	36 (91)	30 (76)	8 (20)	70 (32)	457.00 <sup>(B)</sup>	A-SSE-P-3630	34 (15.4)	103.00 <sup>(B)</sup>

\*For additional sizes contact factory. <sup>(B)</sup> 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 <sup>(B)</sup>	A-CSE-D-12	2 (0.9)	\$36.25 <sup>(B)</sup>
A-CSE-3M-16	2 (0.9)	24.00 <sup>(B)</sup>	A-CSE-D-16	2 (0.9)	41.00 <sup>(B)</sup>
A-CSE-3M-20	3 (1.4)	26.00 <sup>(B)</sup>	A-CSE-D-20	3 (1.4)	43.75 <sup>(B)</sup>
A-CSE-3M-24	4 (1.8)	28.00 <sup>(B)</sup>	A-CSE-D-24	4 (1.8)	51.50 <sup>(B)</sup>
			A-CSE-D-30	4 (1.8)	54.00 <sup>(B)</sup>

\*For additional sizes contact factory.

<sup>(B)</sup> 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 <sup>(B)</sup>
A-CSE-K	Replacement keys, includes 2 keys	1.40 <sup>(B)</sup>

<sup>(B)</sup> 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 <sup>Ⓟ</sup>	A-CSE-1S-1008	8 (20)	6 (15)	2 (0.9)	\$4.80 <sup>Ⓟ</sup>
CSE-N1-101004	10 (25)	10 (25)	4 (10)	8.5 (3.9)	42.50 <sup>Ⓟ</sup>	A-CSE-1P-1008	8 (20)	6 (15)	1 (0.5)	12.25 <sup>Ⓟ</sup>
CSE-N1-121004	12 (30)	10 (25)	4 (10)	5 (2.3)	50.50 <sup>Ⓟ</sup>	A-CSE-1S-1010	8 (20)	8 (20)	1 (0.5)	5.60 <sup>Ⓟ</sup>
CSE-N1-121204	12 (30)	12 (30)	4 (10)	10 (4.5)	55.00 <sup>Ⓟ</sup>	A-CSE-1P-1010	8 (20)	8 (20)	1 (0.5)	14.25 <sup>Ⓟ</sup>
CSE-N1-141204	14 (36)	12 (30)	4 (10)	10 (4.5)	61.00 <sup>Ⓟ</sup>	A-CSE-1S-1210	10 (25)	8 (20)	3 (1.4)	6.40 <sup>Ⓟ</sup>
CSE-N1-161206	16 (41)	12 (30)	6 (15)	11 (5)	103.00 <sup>Ⓟ</sup>	A-CSE-1P-1210	10 (25)	8 (20)	1 (0.5)	16.25 <sup>Ⓟ</sup>
CSE-N1-161606	16 (41)	16 (41)	6 (15)	16 (7.3)	114.00 <sup>Ⓟ</sup>	A-CSE-1S-1212	10 (25)	10 (25)	4 (1.8)	7.40 <sup>Ⓟ</sup>
CSE-N1-201606	20 (51)	16 (41)	6 (15)	21 (9.5)	126.00 <sup>Ⓟ</sup>	A-CSE-1P-1212	10 (25)	10 (25)	2 (0.9)	17.00 <sup>Ⓟ</sup>
CSE-N1-202006	20 (51)	20 (51)	6 (15)	25 (11.3)	138.00 <sup>Ⓟ</sup>	A-CSE-1S-1412	12 (30)	10 (25)	3 (1.4)	8.30 <sup>Ⓟ</sup>
CSE-N1-241606	24 (61)	16 (41)	6 (15)	27 (12.2)	137.00 <sup>Ⓟ</sup>	A-CSE-1P-1412	12 (30)	10 (25)	2 (0.9)	18.00 <sup>Ⓟ</sup>
CSE-N1-242006	24 (61)	20 (51)	6 (15)	31.5 (14.3)	154.00 <sup>Ⓟ</sup>	A-CSE-1S-1612	14 (36)	10 (25)	3 (1.4)	12.25 <sup>Ⓟ</sup>
CSE-N1-242406	24 (61)	24 (61)	6 (15)	41 (18.6)	156.00 <sup>Ⓟ</sup>	A-CSE-1P-1612	14 (36)	10 (25)	2 (0.9)	20.25 <sup>Ⓟ</sup>
CSE-N1-302406	30 (76)	24 (61)	6 (15)	54 (24.5)	173.00 <sup>Ⓟ</sup>	A-CSE-1S-1616	14 (36)	14 (36)	4 (1.8)	20.25 <sup>Ⓟ</sup>
CSE-N1-303008	30 (76)	30 (76)	8 (20)	60 (27.2)	226.00 <sup>Ⓟ</sup>	A-CSE-1P-1616	14 (36)	14 (36)	2 (0.9)	23.75 <sup>Ⓟ</sup>

\*For additional sizes contact factory. \*\*1S denotes a solid steel panel; 1P denotes a perforated steel panel.  
<sup>Ⓟ</sup> 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 <sup>Ⓟ</sup>
A-CSE-1P-2016	18 (46)	14 (36)	3 (1.4)	27.75 <sup>Ⓟ</sup>
A-CSE-1S-2020	18 (46)	18 (46)	7 (3.2)	29.25 <sup>Ⓟ</sup>
A-CSE-1P-2020	18 (46)	18 (46)	4 (1.8)	31.75 <sup>Ⓟ</sup>
A-CSE-1S-2416	22 (56)	14 (36)	7 (3.2)	24.00 <sup>Ⓟ</sup>
A-CSE-1P-2416	22 (56)	14 (36)	5 (2.3)	31.75 <sup>Ⓟ</sup>
A-CSE-1S-2420	22 (56)	18 (46)	9 (4.1)	33.25 <sup>Ⓟ</sup>
A-CSE-1P-2420	22 (56)	18 (46)	7 (3.2)	38.25 <sup>Ⓟ</sup>
A-CSE-1S-2424	22 (56)	22 (56)	11 (5)	38.75 <sup>Ⓟ</sup>
A-CSE-1P-2424	22 (56)	22 (56)	8 (3.6)	56.00 <sup>Ⓟ</sup>
A-CSE-1S-3024	28 (71)	22 (56)	13 (6)	46.00 <sup>Ⓟ</sup>
A-CSE-1P-3024	28 (71)	22 (56)	11 (5)	71.00 <sup>Ⓟ</sup>
A-CSE-1S-3030	28 (71)	28 (71)	17 (8)	61.00 <sup>Ⓟ</sup>
A-CSE-1P-3030	28 (71)	28 (71)	14 (6)	89.00 <sup>Ⓟ</sup>

\*For additional sizes contact factory.  
 \*\*1S denotes a solid steel panel; 1P denotes a perforated steel panel.  
<sup>Ⓟ</sup> 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 <sup>Ⓟ</sup>
A-CSE-1M-10	9.1 (23)	1 (0.5)	17.75 <sup>Ⓟ</sup>
A-CSE-1M-12	11.1 (28)	1 (0.5)	18.75 <sup>Ⓟ</sup>
A-CSE-1M-16	15.1 (38)	2 (0.9)	20.75 <sup>Ⓟ</sup>
A-CSE-1M-20	19.1 (49)	2 (0.9)	22.75 <sup>Ⓟ</sup>
A-CSE-1M-24	23.1 (59)	3 (1.4)	25.00 <sup>Ⓟ</sup>

\*For additional sizes contact factory.  
<sup>Ⓟ</sup> 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 <sup>Ⓟ</sup>	A-CSE-1M-16	15.1 (38)	2 (0.9)	\$20.75 <sup>Ⓟ</sup>
CSE-KN-242006	24 (61)	20 (51)	6 (15)	35 (16)	159.00 <sup>Ⓟ</sup>	A-CSE-1M-20	19.1 (49)	2 (0.9)	22.75 <sup>Ⓟ</sup>
CSE-KN-362406	36 (91)	24 (61)	6 (15)	58 (26)	243.00 <sup>Ⓟ</sup>	A-CSE-1M-24	23.1 (59)	3 (1.4)	25.00 <sup>Ⓟ</sup>

<sup>Ⓟ</sup> 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 <sup>Ⓟ</sup>
A-CSE-K	Replacement keys, includes 2 keys	1.40 <sup>Ⓟ</sup>

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

\*For additional sizes contact factory. \*\*For 316 SS enclosures contact factory. <sup>Ⓟ</sup> 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 <sup>Ⓟ</sup>
A-CSE-K	Replacement keys, includes 2 keys	1.40 <sup>Ⓟ</sup>
A-SSE-F	Mounting feet, includes 4 feet†	54.50 <sup>Ⓟ</sup>
†Included with SSE-J models only.		
<sup>Ⓟ</sup> Items are subject to Schedule B discounts.		

# GAGE TUBING ACCESSORIES

MODEL CHART		
Model	Description	Price
Norprene <sup>®</sup> 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 <sup>Ⓟ</sup>
A-200-2	1/4" ID x 3/8" OD, 10 psi maximum pressure @ 73°F (69 kPa @ 23°C); 50'	59.00 <sup>Ⓟ</sup>
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 <sup>Ⓟ</sup>
A-202	3/16" ID, lengths to 50'	0.90/ft <sup>Ⓟ</sup>
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 <sup>Ⓟ</sup>
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 <sup>Ⓟ</sup>
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 <sup>Ⓟ</sup>
A-222	.240" ID x .375" OD, lengths to 500'; 35 psi maximum pressure @ 73°F (240 kPa @ 23°C)	0.25/ft <sup>Ⓟ</sup>
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 <sup>Ⓟ</sup>
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 <sup>Ⓟ</sup>
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 <sup>Ⓟ</sup>
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 <sup>Ⓟ</sup>
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 <sup>Ⓟ</sup>
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 <sup>Ⓟ</sup>
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 <sup>Ⓟ</sup>
A-223P-2	1/4" ID x 3/8" OD	1.50/ft <sup>Ⓟ</sup>
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 <sup>Ⓟ</sup>
A-211	1/4" OD, 50' length, 500 psi maximum pressure @ 200°F (3447 kPa @ 93°C)	58.00 <sup>Ⓟ</sup>
<sup>Ⓟ</sup> 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. 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.	\$1.00
A-417A	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.	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 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.	10.00
A-419A	Static pressure pickup for roof or outside mount. Reduces effects of wind gusts to keep pressure readings stable when plate is parallel to ground.	9.00
A-420A	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