

# COMPACT DIFFERENTIAL PRESSURE TRANSMITTERS

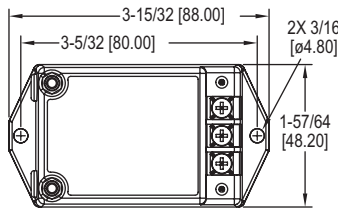
Ranges from 0.1 to 100 in w.c., Overpressure Protection to 15 psig, ±0.8% Accuracy



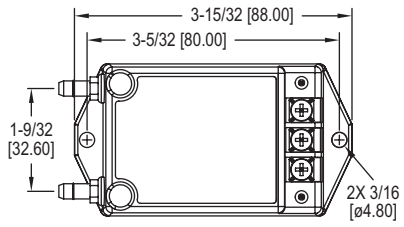
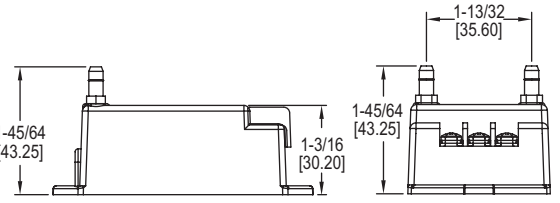
668B



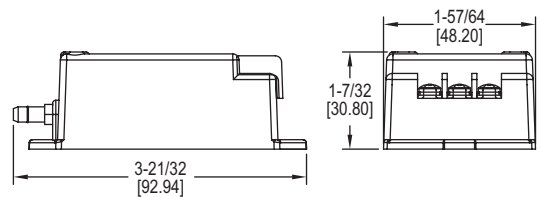
668D



668B



668D



Our low cost **Series 668B/D Compact Differential Pressure Transmitters** are capable of sensing differential gage pressure with ±0.8% FS accuracy, and converts this pressure difference to a proportional high level analog output for both unidirectional and bi-directional pressure ranges. These transmitters can withstand up to 15 psig overpressure with no damage to the unit. The compact, lightweight design makes installation simple and easy. Units are protected against incorrect wiring, and include a protective terminal cover.

**FEATURES/BENEFITS**

- Protection from 15 psi overpressure & incorrect wiring
- High accuracy at low pressure ranges
- Two package selections allows easy device mounting to best fit application pressure connections

**APPLICATIONS**

- HVAC and VAV control
- Clean rooms and isolation rooms
- Duct static pressure measurement

**SPECIFICATIONS**

**Service:** Air and non-conductive gases.  
**Accuracy:** ±0.8% FS.  
**Temperature Limits:** Operating: 0 to 170°F (-18 to 77°C); Storage: -40 to 185°F (-40 to 85°C).  
**Pressure Limits:** 15 psig (1.0 bar).  
**Thermal Effects:** ±0.03% FS/°F (±0.054% FS/°C).  
**Compensated Range:** From 40 to 170°F (4.4 to 77°C).  
**Power Requirements:** 12 to 32 VDC.  
**Output Signals:** 4 to 20 mA (2-wire), 0 to 10 VDC (3-wire), or 0 to 5 VDC (3-wire).  
**Zero Adjustment:** Accessible under the small terminal cover.  
**Electrical Connection:** Terminal strip.  
**Process Connection:** 3/16" OD barbed brass for 1/8" ID push-on tubing.  
**Enclosure:** Stainless steel and PC+ABS alloy, UL 94 V-0 rated.  
**Weight:** 4.0 oz (113 g).

MODEL CHART						
Example	668	B	-08	-1	668B-08-1	Price
<b>Series</b>	668				Compact differential pressure transmitter	-
<b>Connection</b>		B			Front	\$137.00
		D			Bottom	137.00
<b>Unidirectional Pressure Ranges</b>				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.	-
<b>Output</b>				1	4 to 20 mA	-
				2	0 to 10 VDC	-
				3	0 to 5 VDC	-

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

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



A-TC shown attached

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

USA: California Proposition 65  
 ⚠ WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov