Dwyer

SERIES 668B/D

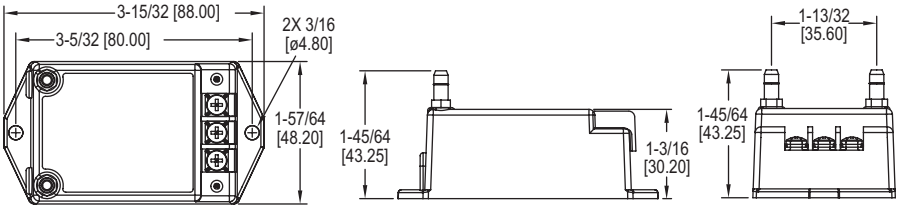
COMPACT DIFFERENTIAL PRESSURE TRANSMITTERS

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

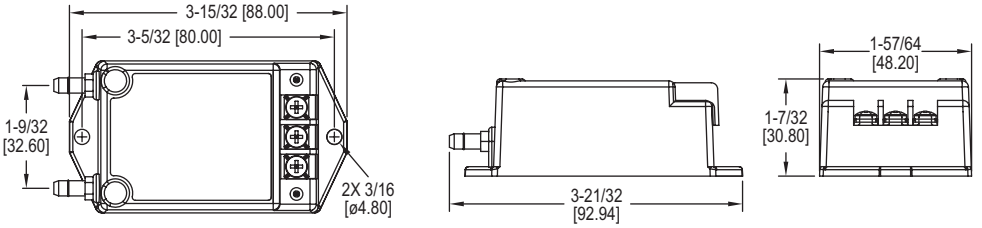
CALIBRATION SERVICES AVAILABLE

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: 12-32 VDC.
Output Signals: 4-20 mA (2-wire), 0-10 VDC (3-wire), or 0-5 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
Series	668				Compact differential pressure transmitter	-
Connection		B			Front	**$149.00**Ⓑ
		D			Bottom	**149.00**Ⓑ
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	4-20 mA	-
				2	0-10 VDC	-
				3	0-5 VDC	-

Ⓑ Items are subject to Schedule B discounts.

ACCESSORIES

Model	Description	Price
A-TC	Replacement protective terminal cover	**$1.80**Ⓝ

Ⓝ 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	**$144.00**Ⓝ

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

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