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

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 & VAV control
• Clean rooms & 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).
Agency Approvals: CE.

MODEL CHART
Example 668 B -08 -1 668B-08-1 Price
Series 668 Compact differential pressure transmitter - -
Connection B D Front Bottom $122.00 122.00
Unidirectional Pressure Ranges
01 0 to 0.1 in w.c. - -
02 0 to 0.2 in w.c. - -
03 0 to 0.4 in w.c. - -
04 0 to 0.5 in w.c. - -
05 0 to 1 in w.c. - -
06 0 to 2.5 in w.c. - -
07 0 to 5 in w.c. - -
08 0 to 10 in w.c. - -
09 0 to 50 in w.c. - -
10 0 to 100 in w.c. - -
Bi-directional Pressure Ranges
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 - -

ACCESSORY
Model Description Price
A-TC Replacement protective terminal cover $1.50/ea

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

A-TC shown attached