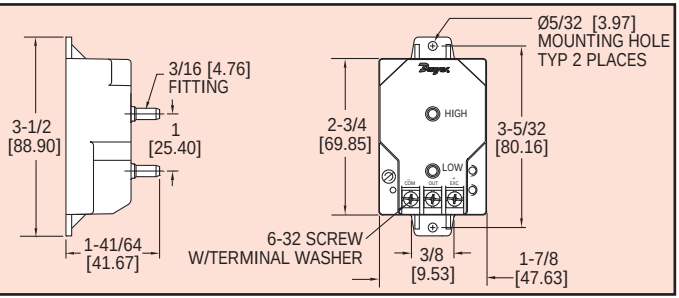
Series 668

Compact Differential Pressure Transmitter

Ranges from 0 to 0.25 in. w.c., Overpressure Protection to 10 psig, ±1% Accuracy



Our low cost Series 668 Differential Pressure Transmitter is capable of measuring low pressures with a ±1% accuracy – ideally suited for proper building pressurization and air flow control. Transmitters can withstand up to 10 psig overpressure with no damage to the unit. Variable capacitance sensor design provides excellent sensitivity and long-term stability. Compact, lightweight design makes installation simple and easy. Units also feature reverse-polarity protection.

*Also available with optional conduit cover. To order add "C" to part number, i.e. 668C-1. Consult factory for additional information.

SPECIFICATIONS

Service: Air and non-conductive gases.
Accuracy: ±1% of full scale (RSS) (includes non-linearity, hysteresis, and non-repeatability).
Temperature Limits:
Operating: 0 to 150°F (-18 to 65°C);
Storage: -40 to 185°F (-40 to 85°C).
Pressure Limits: 10 psig (0.69 bar).
Compensated Temperature Range: 0 to 150°F (-18 to 65°C).
Thermal Effects: 0.033% FS/°F (0.018% FS/°C).
Supply Voltage: 12-30 VDC.
Output: 4 to 20 mA, 2-wire.
Zero and Span Adjust: ±1 mA, non-interactive.
Response Time: <60 msec.
Loop Resistance: 0-800 ohms.
Electrical Connection: Terminal strip.
Pressure Connection: 3/16 ˝ O.D. fitting for 1/4˝ I.D. tubing.
Housing: Fire retardant glass filled polyester.
Weight: 3 oz (85 g).
Agency Approvals: CE.

Model*	Range	Model*	Range
668-1	0 to 0.25 in w.c.	**668-6**	0 to 10 in w.c.
668-2	0 to 0.5 in w.c.	**668-7**	0 to 25 in w.c.
668-3	0 to 1 in w.c.	**668-8**	0 to 50 in w.c.
668-4	0 to 2.5 in w.c.	**668-9**	0 to 100 in w.c.
668-5	0 to 5.0 in w.c.		

Bi-Directional

Model*	Range	Model*	Range
668-10	0 to ±0.1 in w.c.	**668-15**	0 to ±5 in w.c.
668-11	0 to ±0.25 in w.c.	**668-16**	0 to ±10 in w.c.
668-12	0 to ±0.5 in w.c.	**668-17**	0 to ±25 in w.c.
668-13	0 to ±1 in w.c.	**668-18**	0 to ±50 in w.c.
668-14	0 to ±2.5 in w.c.		