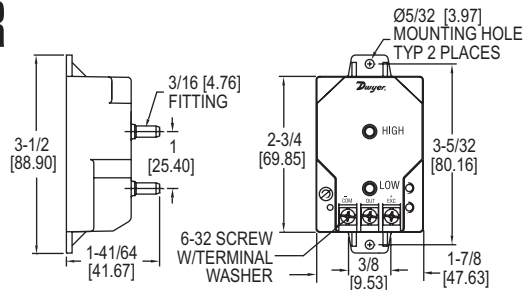


SERIES 668

COMPACT DIFFERENTIAL PRESSURE TRANSMITTER

Ranges from 0 to 100 in w.c., Overpressure Protection to 10 psig, $\pm 1\%$ Accuracy



Our low cost **Series 668 Differential Pressure Transmitter** is capable of measuring low pressures with a $\pm 1\%$ 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.

FEATURES/BENEFITS

- Good accuracy at low pressure ranges provides exceptional value for ensuring control and minimizing costly out of specification conditions
- High overpressure rating eliminates possible damage to unit reducing unnecessary service time

APPLICATIONS

- Variable air volume systems
- Building management
- HVAC

MODEL CHART			
Model	Range	Bi-Directional Model	Range
668-1	0 to 0.25 in w.c.	668-10	0 to ± 0.1 in w.c.
668-2	0 to 0.5 in w.c.	668-11	0 to ± 0.25 in w.c.
668-3	0 to 1 in w.c.	668-12	0 to ± 0.5 in w.c.
668-4	0 to 2.5 in w.c.	668-13	0 to ± 1 in w.c.
668-5	0 to 5.0 in w.c.	668-14	0 to ± 2.5 in w.c.
668-6	0 to 10 in w.c.	668-15	0 to ± 5 in w.c.
668-7	0 to 25 in w.c.	668-16	0 to ± 10 in w.c.
668-8	0 to 50 in w.c.	668-17	0 to ± 25 in w.c.
668-9	0 to 100 in w.c.	668-18	0 to ± 50 in w.c.
668-19	0 to 0.4 in w.c.	668-20	-0.05 to 0.20 in w.c.

Note: To order unit with conduit cover, add C to model number.
Example: 668C-1. Consult factory for additional information.

SPECIFICATIONS

Service: Air and non-conductive gases.
Accuracy: $\pm 1\%$ 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 to 30 VDC.

Output: 4 to 20 mA, 2-wire.
Zero and Span Adjust: ± 1 mA, non-interactive.
Response Time: < 60 ms.
Loop Resistance: 0 to 800 Ω .
Electrical Connection: Terminal strip.
Pressure Connection: 3/16" OD fitting for 1/4" ID tubing.
Housing: Fire retardant glass filled polyester.
Weight: 3 oz (85 g).
Agency Approvals: CE.

ACCESSORIES

Model	Description
A-489	4" straight static pressure tip with flange
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

OPTIONS

Use order code:	Description
NISTCAL-PT1	NIST traceable calibration certificate

Process Tubing Options: See page 503 (Gage Tubing Accessories)