Differential Pressure Transmitters

Ø5/32 [3.97] MOUNTING HOLE

SERIES 668

• Building energy management  • Lab and fume hood control  • HVAC and VAV applications. The transmitter features 15 psid overpressure, reverse polarity protection and EMI/RFI protection. Internal regulation insuring tight-control and minimizing costly out of specification conditions  • Use with unregulated DC power permits easy access to electrical supply reducing costly power conditioning and wiring

APPLICATIONS

• Variable air volume systems      • Building management • HVAC

FEATURES/BENEFITS

• NEMA 4 housing enables a range of use outdoor or indoor where water is present  • Versatile mounting locations and integral mounting tabs simplify installation.

SPECIFICATIONS

SERIES 677B Differential Pressure Transmitters are designed to measure pressures as low as 0.1 in w.c. with ±0.4% accuracy. Use Series 677B for building energy management systems, environmental pollution control, oven pressurization, lab and fume hood control, HVAC and VAV applications. The transmitter features 15 psid overpressure, reverse polarity protection and EMI/RFI protection. Internal regulation permits with unregulated DC power supplies. The NEMA 4 housing allows for versatile mounting locations and integral mounting tabs simplify installation.

APPLICATIONS

• Building energy management  • Lab and fume hood control  • HVAC 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

SPECIFICATIONS

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.

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

SPECIFICATIONS

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FEATURES/BENEFITS

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APPLICATIONS

• Variable air volume systems  • Building management  • HVAC

SERIES 668

COMPACT DIFFERENTIAL PRESSURE TRANSMITTER

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

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FEATURES/BENEFITS

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APPLICATIONS

• Variable air volume systems  • Building management  • HVAC

SPECIFICATIONS

Service: Air and non-conductive, non-corrosive gases. Wetted Materials: 302 SS, glass, nickel, silicone rubber and brass. Accuracy: ±0.4% FS* at room temperature. Stability: ±1% FS/yr. Temperature Limits: Operating and Compensated: 0 to 185°F (-18 to 85°C); Storage: -65 to 220°F (-54 to 105°C). Pressure Limit: 15 psi (100 kPa). Thermal Effects: (includes zero and span) <0.028% FS/°F, 0 to 185°F (-18 to 85°C).


ACCESSORIES

Options: Use order code: Description

NISTCAL-PT1 NIST traceable calibration certificate

USA: California Proposition 65

WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov

Process Tubing Options: See page 499 (Gage Tubing Accessories)