MAGNEHELIC® DIFFERENTIAL PRESSURE Indicating Transmitter

The SERIES 605 Magnehelic® Indicating Transmitter provides for both visual monitoring and electronic control of very low differential pressure. The SERIES 605 is ideal for control applications in building HVAC systems where local indication is desired during routine maintenance checks or necessary when troubleshooting the system. The easily read dial gage is complimented by the two-wire, 4-20 mA control desired during routine maintenance checks or necessary when troubleshooting the system.

FEATURES/BENEFITS
- Easy to read gage permits viewing from far away
- Patented design provides quick response to pressure changes means no delay in signaling and alerting to critical situations
- Durable and rugged housing and high-quality components combined provides long-service life and minimized down-time

APPLICATIONS
- Monitor pressures in ducts, rooms, or total building pressures
- Filter monitoring
- Local indication of clean room pressures with process signal sent to control room

SPECIFICATIONS

GAGE SPECIFICATIONS
Service: Air and non-combustible, compatible gases.
Wetted Materials: Consult factory.
Accuracy: See chart.
Stability: ±1% FS/yr.
Pressure Limits: See chart.
Temperature Limits: 20 to 120°F (-6.67 to 48.9°C).
Compensated Temperature Range: 32 to 120°F (0 to 48.9°C).
Thermal Effect: ±0.025% FS/°F (0.045% FS/°C).
Power Requirements: 10 to 35 VDC (2-wire).
Output Signal: 4 to 20 mA.
Zero and Span Adjustments: Protected potentiometers.
Loop Resistance: DC: 0 to 1250 Ω max.
Electrical Connections: Screw terminal block.
Mounting Orientation: Diaphragm in vertical position. Consult factory for other position orientations.

ACCESSORIES

Model | Description
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A-298 | Flat aluminum bracket for flush mounting
A-370 | Mounting bracket; flush mount Series 605 Transmitter in bracket; bracket is then surface mounted; steel with gray hammertone epoxy finish

OPTION
To order add suffix:
-NIST NIST traceable calibration certificate.

Example: 605-3-NIST

Process Tubing Options: See page 443 (Gage Tubing Accessories)
Static Fitting Options: See page 444 (Static Pressure Tips)