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 signal utilizing the time-proven Dwyer® Magnehelic® gage mechanical design and Series 600 transmitter technology. The 2-wire design with terminal strip on the rear simplifies connection in any 4-20 mA control loop powered by a 10-35 VDC supply.

### 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).
- **Process Connections:** 1/8˝ female NPT.
- **Size:** 4˝ (101.6 mm) dial face, 5˝ (127 mm) OD x 2-11/16˝ (68.3 mm).
- **Weight:** 1 lb, 12.6 oz (811 g).
- **Agency Approvals:** CE.

#### TRANSMITTER SPECIFICATIONS
- **Accuracy:** See chart (includes linearity, hysteresis, repeatability).
- **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:** 10-35 VDC (2-wire).
- **Output Signal:** 4 to 20 mA.
- **Zero and Span Adjustments:** Protected potentiometers.
- **Loop Resistance:** DC; 0-1250 Ω max.
- **Current Consumption:** DC; 38 mA max.
- **Electrical Connections:** Screw terminal block.
- **Mounting Orientation:** Diaphragm in vertical position. Consult factory for other position orientations.

### ACCESSORIES
- **A-298,** Flat Aluminum Bracket - for flush mounting
- **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
- **A-320-B,** Instrument Enclosure
- **A-370,** Mounting Bracket - flush mount Series 605 Transmitter in bracket. Bracket is then surface mounted. Steel with gray hammertone epoxy finish
- **A-489,** 4˝ Straight Static Pressure Tip with Flange

### OPTION
For NIST traceable calibration certificate, add suffix -NIST to model numbers. Example: 605-3-NIST.

See page 587 for process tubing options.