



**Differential Pressure Indicating Transmitter**  
Same Size as Standard Magnehelic® Differential Pressure Gage

## Models Select Chart

<b>EXAMPLE</b>	605	00N	AT	<b>Series 605-00N-AT Magnehelic® Differential Pressure Indicating Transmitter, range 0.05-0-0.20" w.c., with aluminum tag.</b>
<b>SERIES</b>	605			Magnehelic® Differential Pressure Indicating Transmitter
<b>RANGE</b>		00N 0 1 2 3 6 10 11 12 13 20 30 50 60PA 125PA 250PA 500PA 1KPA 1.5KPA		0.05-0-0.20" w.c. 0 to .50" w.c. 0 to 1.0" w.c. 0 to 2.0" w.c. 0 to 3.0" w.c. 0 to 6.0" w.c. 0 to 10" w.c. 0 to ±0.25" w.c. 0 to ±60 Pa 100-0-100 Pa 0 to 20.0" w.c. 0 to 30.0" w.c. 0 to 50.0" w.c. 0 to 60 Pa 0 to 125 Pa 0 to 250 Pa 0 to 500 Pa 0 to 1.0 kPa 0 to 1.5 kPa
<b>OPTIONS</b>			AT G HC M NIST R SS ST TA WP Y	Aluminum Tag Green Scale Overlay Horizontal Calibration Mirror Scale Overlay NIST Certificate of Calibration Red Scale Overlay Brushed 304 Stainless Steel Bezel Stainless Steel Tag Tilt Angle from Vertical in Degrees Weather Proof Enclosure Yellow Scale Overlay

## Accessories

Model	Description
A-276	Precision resistor, 500 ohm.
A-277	Precision resistor, 250 ohm.
A-298	Flat aluminum bracket for flush mounting Photohelic® & Capsuhelic® gages, 603A, 605, and 3000MR.
A-370	Flush mount bracket used with: Photohelic® 3000MR/MRS, Capsuhelic®, 631B Transmitter, EDA. Bracket is then surface mounted. Steel with gray hammertone epoxy finish.

A-320-B	Enclosure for 3000MR/MRS Photohelic® Switch/Gage, 605 Magnehelic® DP Transmitter, DH3 Digihelic® Pressure Controller, 2000 Magnehelic® Gage with medium and high pressure options, 4-13/16" (122.24 mm).
A-489	4" 303 SS straight static pressure tip with flange.
420563-10	Backward compatible to Magnehelic® Gage, 4.5" brushed 304SS bezel, also for DH3, 3000MR and 605 Series.

**Specifications:-**

**Gauge Specifications**

<b>Service</b>	:	Air and non-combustible, compatible gases.
<b>Wetted Materials</b>	:	Consult factory.
<b>Accuracy</b>	:	See Chart
<b>Stability</b>	:	±1% FS/yr.
<b>Pressure Limits</b>	:	See Chart
<b>Temperature Limits</b>	:	20 to 120°F (-6.67 to 48.9°C).
<b>Process Connections</b>	:	1/8" female NPT.
<b>Size</b>	:	4" (101.6 mm) dial face, 5" (127 mm) OD x 2-11/16" (68.3 mm).
<b>Weight</b>	:	1 lb, 12.6 oz (811 g).
<b>Agency Approvals</b>	:	CE.

**Transmitter Specifications**

<b>Accuracy</b>	:	See Ordering page (includes linearity, hysteresis, and repeatability).
<b>Temperature Limits</b>	:	20 to 120°F (-6.67 to 48.9°C).
<b>Compensated Temperature Range</b>	:	32 to 120°F (0 to 48.9°C).
<b>Thermal Effect</b>	:	±0.025% FS/°F (0.045% FS/°C).
<b>Power Requirements</b>	:	10 to 35 VDC (2-wire).
<b>Output Signal</b>	:	4 to 20 mA.
<b>Zero and Span Adjustments</b>	:	Protected potentiometers.
<b>Loop Resistance</b>	:	DC: 0 to 1250 Ω maximum.
<b>Current Consumption</b>	:	DC: 38 mA maximum.
<b>Electrical Connections</b>	:	Screw terminal block.
<b>Mounting Orientation</b>	:	Diaphragm in vertical position. Consult factory for other position orientations.

