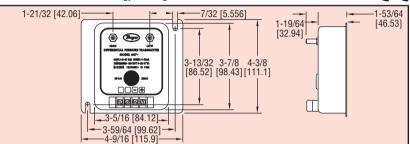


Series 607

## Low Range Differential Pressure Transmitter

 $\pm 0.25\%$  or  $\pm 0.5\%$  Full Scale Accuracy, Ranges from 0-0.1 in w.c.



Series 607 Differential Pressure Transmitter combines very low ranges with exceptional stability, reliability and either  $\pm 0.25\%$  or  $\pm 0.5\%$  accuracy for the most demanding applications. Ranges from 0-0.1 to 0-25 in w.c. Ultra thin glass clad silicon diaphragm design resists shock and vibration, practically eliminates drift. Certification to NIST standards is included with each unit. Tough stainless steel housing is NEMA-2 rated to protect against moisture and dirt. Use with air and other compatible gases.

Model	Range (in w.c.)	Model	Range (in w.c.)
607-0	010	607-71*	0-5.0
607-01*	010	607-8	0-10
607-1	025	607-0B	.10-010
607-11*	025	607-1B	.25-025
607-2	050	607-2B	.50-050
607-21*	050	607-9	0-25
607-3	0-1.0	607-3B	1.0-0-1.0
607-4	0-2.0	607-4B	2.0-0-2.0
607-7	0-5.0	607-7B	5.0-0-5.0

<sup>\*</sup>Models have a ±0.25% FS accuracy.

## **SPECIFICATIONS**

**Service:** Air and nonconductive, noncorrosive gases.

Wetted Materials: Contact factory. Accuracy: ±0.5% or ±0.25% FS. Stability: ±0.5% FSO/yr. Temperature Limits: -20 to 160°F (-29 to 71°C). 10 to 95% RH.

Pressure Limits: 10 psig (0.69 bar). Compensated Temp. Range: 35 to

135°F (2 to 57°C).

Thermal Effects: ±0.015% FS/°F (zero

and span).

Power Requirements: 12-36 VDC.
Output Signal: 4 to 20 mA DC, 2-wire.

Zero & Span Adjustments: Externally accessible potentiometers, non-interactive,  $\pm 10\%$  FS adjustment. Response Time: 250 msec max. Loop Resistance: 0 to  $1045~\Omega$ 

Current Consumption: 3.6 mA (min).
Electrical Connection: Screw

terminals.

Process Connection: Barbed stainless steel for 3/16" ID tubing. Housing: 300 Series SS (NEMA 2,

IP11).

Weight: 1.04 lb (472 g). Agency Approvals: CE.

 $V_{min}=12V+[(.22A)(R_L)].$ 

## **ACCESSORY**

**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

## OPTION

For NIST traceable calibration certificate, use order code NISTCAL-PT1.