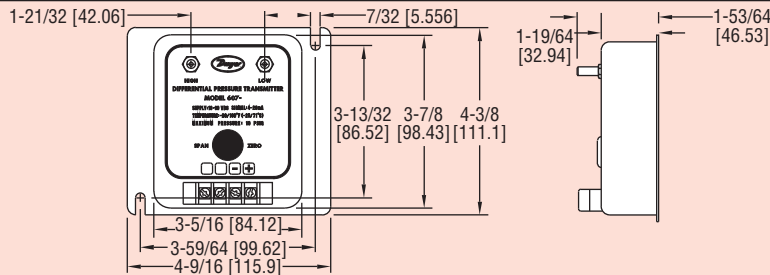




Series
607

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.

SPECIFICATIONS

Service: Air and nonconductive, noncorrosive gases.

Wetted Materials: Contact factory.

Accuracy: $\pm 0.5\%$ or $\pm 0.25\%$ FS.

Stability: $\pm 0.5\%$ 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: $\pm 0.015\%$ 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 Ω

$V_{min} = 12V + [(0.22A)(R_L)]$.

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.

Model	Range (in w.c.)	Model	Range (in w.c.)
607-0	0-10	607-71*	0-5.0
607-01*	0-10	607-8	0-10
607-1	0-25	607-0B	.10-0-.10
607-11*	0-25	607-1B	.25-0-.25
607-2	0-50	607-2B	.50-0-.50
607-21*	0-50	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

*Models have a $\pm 0.25\%$ FS accuracy.

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.