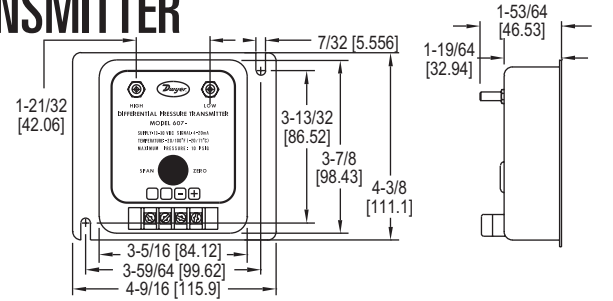
Dwyer

SERIES 607

LOW RANGE DIFFERENTIAL PRESSURE TRANSMITTER

±0.25% or ± 0.5% Full Scale Accuracy, Ranges from 0 to 0.1 in w.c.



SERIES 607 Differential Pressure Transmitter combines very low ranges with exceptional stability, reliability and either ±0.25% or ±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.

FEATURES/BENEFITS

- High stability at low pressure ranges provides exceptional accuracy for ensuring tight-control and minimizing costly out of specification conditions
- Provides sensitivity to pressure changes but resists vibration preventing drift and less accurate readings
- Stainless steel housing meets standards for lab and clean room applications

APPLICATIONS

- Leak detection
- Clean room control
- Lab and fume hood pressure control

MODEL CHART

Model	Range (in w.c.)	Price	Model	Range (in w.c.)	Price
607-0	0 to .10	**$591.00**Ⓑ	**607-71***	0 to 5.0	**$698.00**Ⓑ
607-01*	0 to .10	**700.42**Ⓑ	**607-8**	0 to 10	**468.00**Ⓑ
607-1	0 to .25	**521.00**Ⓑ	**607-0B**	0 to ±.10	**537.00**Ⓑ
607-11*	0 to .25	**794.00**Ⓑ	**607-1B**	0 to ±.25	**536.00**Ⓑ
607-2	0 to .50	**505.00**Ⓑ	**607-2B**	0 to ±.50	**505.00**Ⓑ
607-21*	0 to .50	**757.00**Ⓑ	**607-9**	0 to 25	**468.00**Ⓑ
607-3	0 to 1.0	**468.00**Ⓑ	**607-3B**	0 to ±1.0	**468.00**Ⓑ
607-4	0 to 2.0	**468.00**Ⓑ	**607-4B**	0 to ±2.0	**518.00**Ⓑ
607-7	0 to 5.0	**468.00**Ⓑ	**607-7B**	0 to ±5.0	**466.00**Ⓑ

*Models have a ±0.25% FS accuracy.

Ⓑ Items are subject to Schedule B discounts.

SPECIFICATIONS

Service: Air and non-conductive, non-corrosive gases.
Wetted Materials: Contact factory.
Accuracy: ±0.5% or ±0.25% FS.
Stability: ±0.5% FS/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 to 36 VDC.
Output Signal: 4 to 20 mA DC, 2-wire.
Zero & Span Adjustments: Externally accessible potentiometers, non-interactive, ±10% FS adjustment.
Response Time: 250 ms max.
Loop Resistance: 0 to 1045 Ω Vmin=12V+[(.22A)(RL)].
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.

ACCESSORY

Model	Description	Price
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	**$9.20**

OPTIONS

Use order code:	Description	Price
NISTCAL-PT1	NIST traceable calibration certificate	**$139.00**