



Series
616

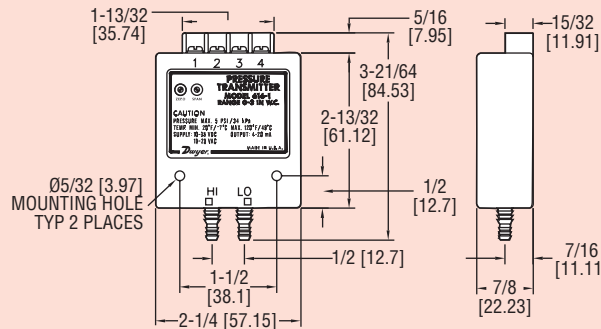
Differential Pressure Transmitter

Integral Pressure Connections, Accuracy $\pm 0.25\%$ Full Scale



PRESSURE

Differential Pressure Transmitters



Series 616 Transmitter features an exceptional $\pm 0.25\%$ accuracy in several factory calibrated ranges. Choose the one just right for your application. Span and Zero controls included for fine tuning and minor re-calibration in the field.

Model	Range	Max. Press.
616-2	0-6 in w.c.	5 psig
616-3	0-10 in w.c.	5 psig
616-4	0-20 in w.c.	11 psig
616-5	0-40 in w.c.	11 psig
616-6	0-100 in w.c.	29 psig
616-7	0-200 in w.c.	29 psig
616-6B	3-0-3 in w.c.	5 psig
616-10B	5-0-5 in w.c.	5 psig
616-20B	10-0-10 in w.c.	11 psig

OPTION

For NIST traceable calibration certificate, add suffix -NIST to model numbers.

Example: 616-3-NIST.

SPECIFICATIONS

Service: Air and non-combustible, compatible gases.

Wetted Materials: Consult factory.

Accuracy: $\pm 0.25\%$ FS.

Stability: $\pm 1\%$ FS/yr.

Temperature Limits: 0 to 140°F (-17.8 to 60°C).

Compensated Temperature Limits: 20 to 120°F (-6.67 to 48.9°C).

Pressure Limits: See chart.

Thermal Effect: $\pm 0.02\%$ FS/°F ($\pm 0.012\%$ FS/°C).

Power Requirements: 10-35 VDC (2-wire).

Output Signal: 4 to 20 mA.

Zero and Span Adjustments: Potentiometers for zero and span.

Loop Resistance: DC; 0-1250 Ω max.

Current Consumption: DC; 38 mA max.

Electrical Connections: Screw-type terminal block.

Process Connections: Barbed, dual size to fit 1/8" and 3/16" (3.12 mm and 4.76 mm) ID rubber or vinyl tubing.

Weight: 1.8 oz (51 g).

Agency Approval: CE.

Process Tubing Options: See page 547 (Gage Tubing Accessories)