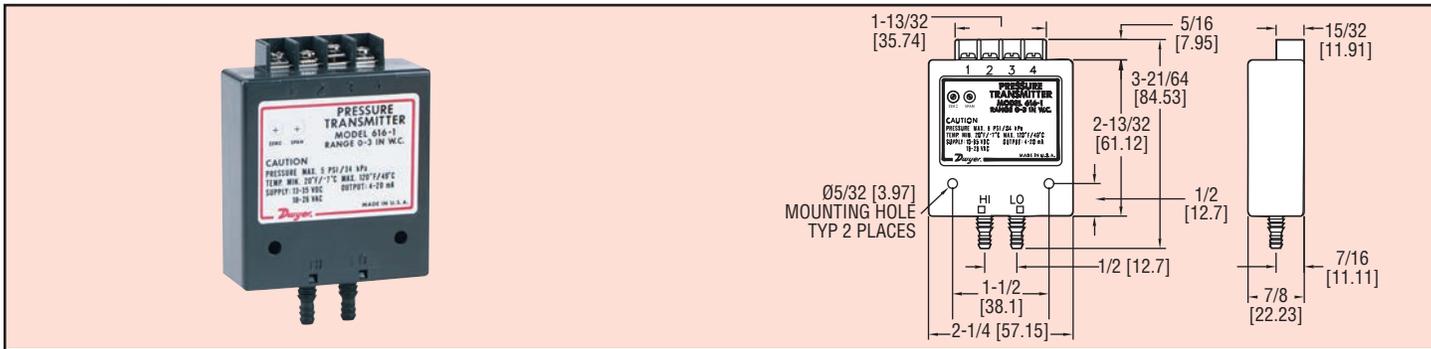




Series  
616C

# Differential Pressure Transmitter

Accuracy  $\pm 1\%$  Full Scale



**Series 616C Transmitter** features an exceptional 1% 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.
616C-1	0-3 in w.c.	2 psig
616C-2	0-6 in w.c.	5 psig
616C-3	0-10 in w.c.	5 psig
616C-4	0-20 in w.c.	11 psig
616C-5	0-40 in w.c.	11 psig
616C-3B	1.5-0-1.5 in w.c.	2 psig

### OPTION

For NIST traceable calibration certificate, add suffix -NIST to model numbers.  
Example: 616C-1-NIST.

### SPECIFICATIONS

- Service:** Air and non-combustible, compatible gases.
- Wetted Materials:** Consult factory.
- Accuracy:**  $\pm 1\%$  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).

### ACCESSORY

**A-489,** 4" Straight Static Pressure Tip with Flange

**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  $\Omega$  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.