



Series  
616

# Differential Pressure Transmitter

Ranges from 0-1 in. w.c. to 0-100 psid, Accuracy  $\pm 0.25\%$



**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.

Series 616, models 0.25% accuracy

Model	Range	Max. Press.	Model	Range	Max. Press.
616-00	0-1 in w.c.	2 psig	616-8	0-10 psid	29 psig
616-0	0-2 in w.c.	2 psig	616-9	0-20 psid	58 psig
616-1	0-3 in w.c.	2 psig	616-10	0-30 psid	58 psig
616-2	0-6 in w.c.	5 psig	616-11	0-50 psid	150 psig
616-3	0-10 in w.c.	5 psig	616-12	0-100 psid	150 psig
616-4	0-20 in w.c.	11 psig	616-3B	1.5-0-1.5 in w.c.	2 psig
616-5	0-40 in w.c.	11 psig	616-6B	3-0-3 in w.c.	5 psig
616-6	0-100 in w.c.	29 psig	616-10B	5-0-5 in w.c.	5 psig
616-7	0-200 in w.c.	29 psig	616-20B	10-0-10 in w.c.	11 psig

## SPECIFICATIONS

**Service:** Air and non-combustible, compatible gases.

**Wetted Materials:** Consult factory.

**Accuracy:**  $\pm 0.25\%$  F.S.

**Stability:**  $\pm 1\%$  F.S./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:**  $\pm 0.02\%$  F.S./°F ( $\pm 0.0012\%$  F.S./°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 ohms maximum.

**Current Consumption:** DC; 38 mA maximum.

**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) I.D. rubber or vinyl tubing.

**Weight:** 1.8 oz (51 g).

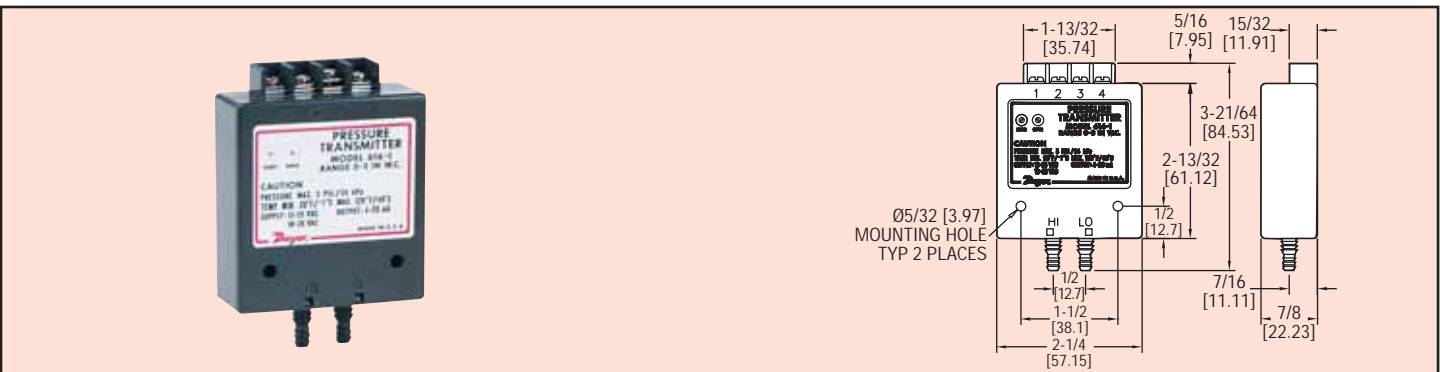
**Agency Approvals:** CE.



Series  
616C

# Differential Pressure Transmitter

Ranges from 0-1 in. w.c. to 0-100 psid, Accuracy 1% F.S.



**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.

Series 616C, models 1% accuracy

Model	Range	Max. Press.	Model	Range	Max. Press.
616C-00	0-1 in w.c.	2 psig	616C-8	0-10 psid	29 psig
616C-0	0-2 in w.c.	2 psig	616C-9	0-20 psid	58 psig
616C-1	0-3 in w.c.	2 psig	616C-10	0-30 psid	58 psig
616C-2	0-6 in w.c.	5 psig	616C-11	0-50 psid	150 psig
616C-3	0-10 in w.c.	5 psig	616C-12	0-100 psid	150 psig
616C-4	0-20 in w.c.	11 psig	616C-3B	1.5-0-1.5 in w.c.	2 psig
616C-5	0-40 in w.c.	11 psig	616C-6B	3-0-3 in w.c.	5 psig
616C-6	0-100 in w.c.	29 psig	616C-10B	5-0-5 in w.c.	5 psig
616C-7	0-200 in w.c.	29 psig	616C-20B	10-0-10 in w.c.	11 psig

## SPECIFICATIONS

**Service:** Air and non-combustible, compatible gases.

**Wetted Materials:** Consult factory.

**Accuracy:**  $\pm 1\%$  F.S.

**Stability:**  $\pm 1\%$  F.S./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:**  $\pm 0.02\%$  F.S./°F ( $\pm 0.0012\%$  F.S./°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 ohms maximum.

**Current Consumption:** DC; 38 mA maximum.

**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) I.D. rubber or vinyl tubing.

**Weight:** 1.8 oz (51 g).