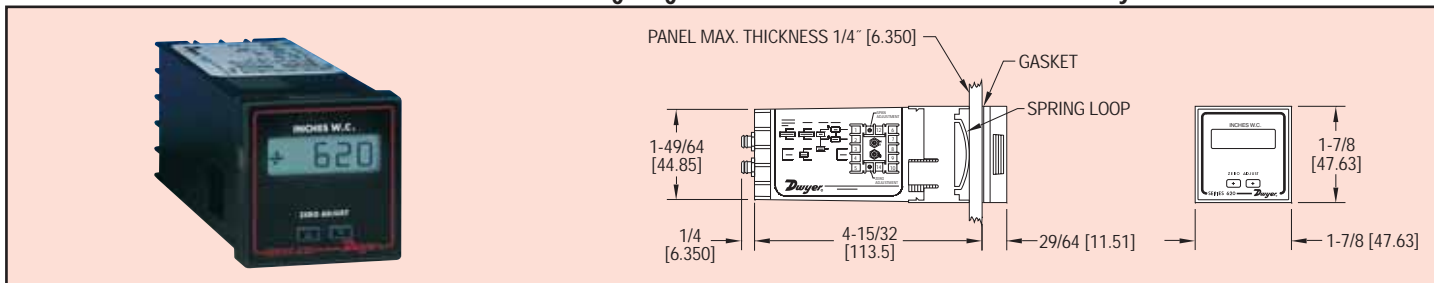




Series
620

Differential Pressure Indicating Transmitter

1/16 DIN Housing, Digital Readout, 0.5% Full Scale Accuracy



The Series 620 Pressure Indicating Transmitter is a 1/16 DIN instrument for measuring, controlling and indicating positive, negative or differential pressures of air and compatible gases. Pressure measurements are displayed on an easy-to-read 3½ digit display and converted to a standard 4 to 20 mA output signal. Versatile circuit design enables use in 2-wire current loops.

SPECIFICATIONS

Service: Air and non-combustible, compatible gases.

Wetted Materials: Consult factory.

Accuracy: +/-0.5% F.S. (includes linearity, hysteresis & repeatability).

Stability: ±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: 0.025% F.S./°F (0.045% F.S./°C).

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

Output Signal: 4 to 20 mA.

Zero & Span Adjustments: Accessible Potentiometers.

Loop Resistance: DC; 0-1250 ohms max.

Current Consumption: DC; 38 mA max.

Electrical Connections: Terminal block.

Process Connections: Barbed for 1/8" (3.18 mm) I.D. tubing.

Enclosure Rating: Face designed to meet NEMA 4 (IP66).

Mounting Orientation: Not position sensitive.

Weight: 4.7 oz (133 g).

Agency Approvals: CE.

MODELS

MODEL NUMBER	RANGE	MAXIMUM PRESSURE
620-3	0-3 in. w.c.	5 psig
620-6	0-6 in. w.c.	5 psig
620-10	0-10 in. w.c.	5 psig
620-20	0-20 in. w.c.	11 psig
620-40	0-40 in. w.c.	11 psig
620-100	0-100 in. w.c.	29 psig
620-200	0-200 in. w.c.	29 psig
620-1000	0-1000 in. w.c.	150 psig
620P-10	0-10 psid	58 psig
620P-20	0-20 psid	58 psig
620P-30	0-30 psid	58 psig
620P-50	0-50 psid	150 psig
620P-100	0-100 psid	150 psig