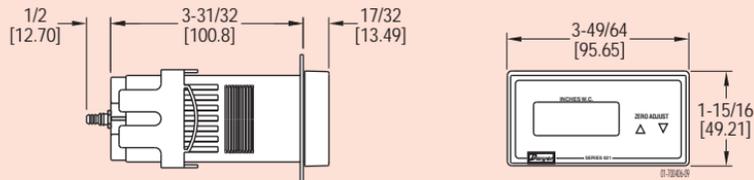




Series
621

Differential Pressure Indicating Transmitter

1/8 DIN Housing, 0.5% Full Scale Accuracy



Panel cutout for all models 1.775 3 3.625 inches (45 3 92 mm)
Maximum panel thickness 0.25 inches (6.35 mm)

Series 621 Pressure Indicator is a 1/8 DIN measuring and controlling instrument designed for positive, negative or differential pressures of air and compatible gases. Pressure readings are displayed on a large 3-1/2 digit LCD display while unit simultaneously produces a standard 4-20 mA output signal. Over a dozen stocked ranges are available from 0-3 in. w.c. to 0-100 psid or choose metric units in ranges from 0-0.75 kPa to 0-690 kPa. Circuit design enables use in 2-wire current loops.

Model	Range	Max. Press.	Model	Range	Max. Press.
621-3	0-3 in w.c.	5 psig	621-1000	0-1000 in w.c.	150 psig
621-6	0-6 in w.c.	5 psig	621P-10	0-10 psid	58 psig
621-10	0-10 in w.c.	5 psig	621P-20	0-20 psid	58 psig
621-20	0-20 in w.c.	11 psig	621P-30	0-30 psid	58 psig
621-40	0-40 in w.c.	11 psig	621P-50	0-50 psid	150 psig
621-100	0-100 in w.c.	29 psig	621P-100	0-100 psid	150 psig
621-200	0-200 in w.c.	29 psig			

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: 7.8 oz (221 g).

Agency Approvals: CE.