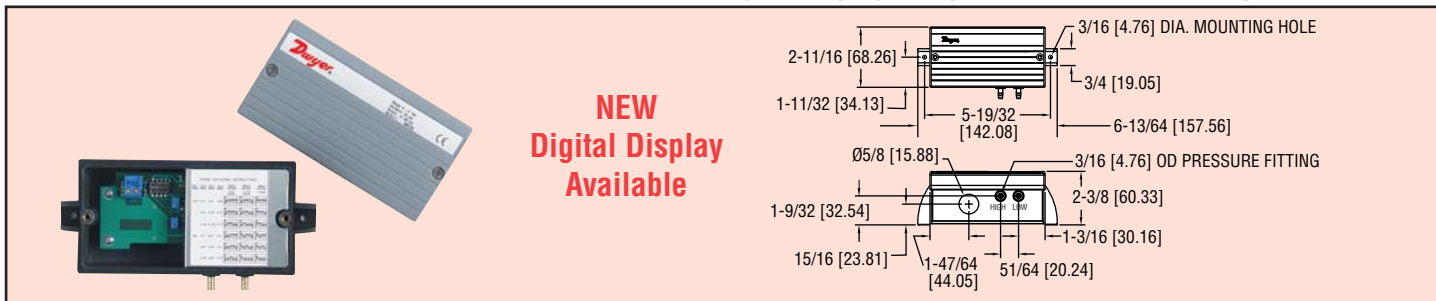




Series
666

Rangeable Differential Pressure Transmitter

Field Selectable Pressure Ranges, 10 psig Overpressure, $\pm 1\%$ Accuracy



Versatility is the key with our Series 666 Rangeable Differential Pressure Transmitter. Up to 6 field selectable pressure ranges are available in a single model. Four dipswitches located inside the transmitter case make calibration simple and easy. ABS plastic housing provides environmental protection per NEMA 4 (IP65). Units can withstand overpressure to 10 psig. Single range models are available with a digital display for local indication. Low pressure ranges and $\pm 1\%$ full scale accuracy make these transmitters ideal for HVAC and energy management applications.

MODELS

Model Number	Ranges, Inches W.C.	Model Number*	Ranges, Inches W.C.
666-1	0 to 0.1, 0 to ± 0.05	666-1D	0 to 0.1"
666-2	0 to 0.25, 0 to 0.5, 0 to 1.0, 0 to ± 0.125 , 0 to ± 0.25 , 0 to ± 0.5	666-2D	0 to 1"
666-3	0 to 1.25, 0 to 2.5, 0 to 5, 0 to ± 0.625 , 0 to ± 1.25 , 0 to ± 2.5 .	666-3D	0 to 5"
666-4	0 to 7.5, 0 to 15, 0 to 30, 0 to ± 3.75 , 0 to ± 7.5 , 0 to ± 15 .	666-4D	0 to 25"

*Models with "D" suffix offer Digital Display.

SPECIFICATIONS

Service: Air and non-corrosive gases.

Wetted Materials: Brass.

Accuracy: $\pm 1\%$ of full scale (RSS) (includes non-linearity, hysteresis, and non-repeatability).

Temperature Limits:

Operating: 0 to 150°F (-18 to 65°C), Storage: -65 to 180°F (-54 to 82°C).

Pressure Limits: 10 psig (0.7 kg/cm²).

Compensated Range: 40 to 150°F (5 to 65°C).

Thermal Effects: 0.033% FS/°F (0.06% FS/°C) includes zero and span.

Power Requirements: 9-30 VDC.

Output Signal: 4 to 20 mA, 2-wire.

Response Time: <60 msec.

Loop Resistance: 0-500 ohms.

Electrical Connection: Screw terminal strip with PG-9 cable strain relief.

Pressure Connection: 3/16" O.D. barbed brass pressure fitting for 1/4" I.D. tubing.

Housing: ABS plastic case, NEMA 4 (IP65).

Mounting: 2 mounting tabs with #8 holes.

Weight: 16.4 oz (465 g).

Display: 3-1/2 digit LCD.

Agency Approval: CE.