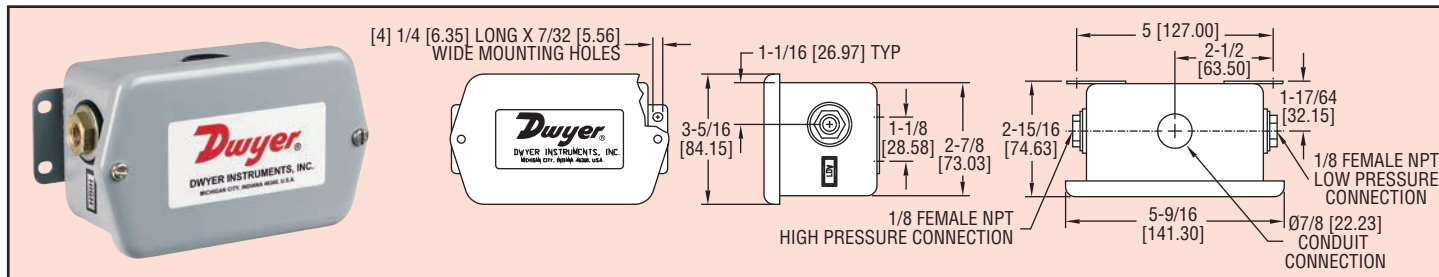




Series
647

Wet/Wet Differential Pressure Transmitter

Ranges from 0 to 1 in w.c., $\pm 1.0\%$ Accuracy, NEMA 4 (IP56) Enclosure, 2-Wire



Monitor differential pressure in air/liquid flow systems, HVAC automation, pneumatic systems and process control with the Series 647 Wet/Wet Differential Pressure Transmitter. Units are temperature compensated and provide a 4 to 20 mA output signal which can be interfaced with chart recorders, data loggers and computerized monitoring and control systems.

Model	Range
647-0	0 to 1 in w.c.
647-1	0 to 3 in w.c.
647-2	0 to 25 in w.c.
647-3	0 to 5 in w.c.
647-4	0 to 10 in w.c.

OPTION

For NIST traceable calibration certificate, use order code NISTCAL-PT1.

SPECIFICATIONS

Service: Compatible gases or liquids on both pressure and reference sides.

Wetted Materials: Brass, vinyl, glass-filled polyester, silicon, and fluorosilicone.

Accuracy: $\pm 1.0\%$ FS.

Stability: $\pm 1.5\%$ FS output/year.

Temperature Limits: 32 to 122°F (0 to 50°C).

Pressure Limits: Ranges 1 in w.c. to 5 psi: 20 psi, 15 psi range: 45 psi, 30 psi range: 60 psi.

Thermal Effects: Zero: $\pm 0.05\%$ FS/°F, Span: $\pm 0.05\%$ rdg/°F.

Power Requirements: 18 to 30 VDC.

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

Zero and Span Adjustments: Adjustable, $\pm 10\%$.

Loop Resistance: 400Ω @ 18 VDC, 600Ω @ 24 VDC, 1000Ω @ 30 VDC.

Electrical Connection: Screw terminals, reverse polarity protected.

Process Connections: Two 1/8" female NPT.

Housing: Gasketed steel epoxy painted, NEMA 4 (IP56).

Weight: 14 oz (397 g).