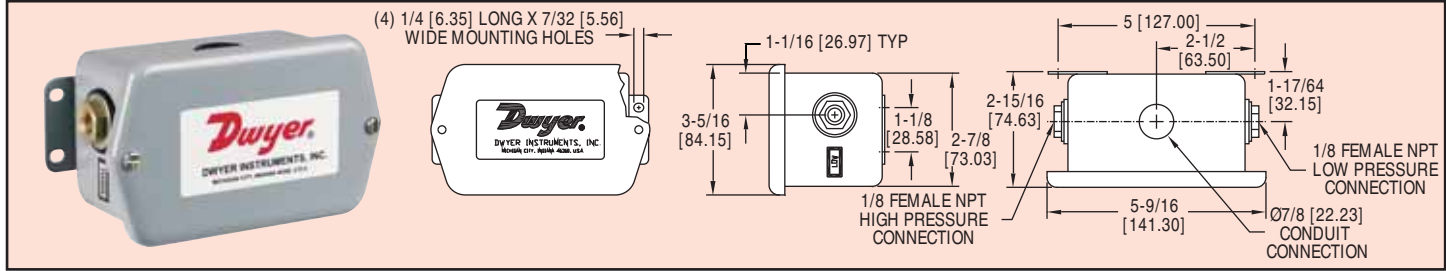




Series
647

Wet/Wet Differential Pressure Transmitter

Ranges from 0 to 1" w.c., ± 1.0% Accuracy, NEMA 4 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	Model	Range
647-0	0 to 1" w.c.	647-5	0 to 1 psid
647-1	0 to 3" w.c.	647-6	0 to 5 psid
647-2	0 to 25" w.c.	647-7	0 to 15 psid
647-3	0 to 5" w.c.	647-8	0 to 30 psid
647-4	0 to 10" w.c.		

SPECIFICATIONS

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

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

Accuracy: ±1.0% FS.

Stability: ±1.5% FS output/year.

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

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

Thermal Effects: Zero: ±0.05% FS/°F, Span: ±0.05% rdg/°F.

Power Requirements: 18 to 30 VDC.

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

Zero and Span Adjustments: Adjustable, ±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 (IP66).

Weight: 14 oz (397 g).

Agency Approvals: CE.