



Differential Pressure Transmitter, WET/WET
Ranges from 1 to 25 in w.c $\pm 1.0\%$ Accuracy, NEMA 4 (IP56) Enclosure,
2-Wire

Models Select Chart

Model	Description
647-0	Wet/wet differential pressure transmitter, range 0-1" w.c.
647-1	Wet/wet differential pressure transmitter, range 0-3" w.c.
647-2	Wet/wet differential pressure transmitter, range 0-25" w.c.
647-3	Wet/wet differential pressure transmitter, range 0-5" w.c.
647-4	Wet/wet differential pressure transmitter, range 0-10" w.c.
647-5	Wet/wet differential pressure transmitter, range 0-1 psid.
647-6	Wet/wet differential pressure transmitter, range 0-5 psid.
647-7	Wet/wet differential pressure transmitter, range 0-15 psid.
647-8	Wet/wet differential pressure transmitter, range 0-30 psid.

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" 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	: 400 Ω @ 18 VDC, 600 Ω @ 24 VDC, 1000 Ω @ 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).