

Specification for Differential type pressure transmitter

Type	Smart type 2 -wire Differential Pressure Transmitter
Power Supply	18-30 V DC
Communication Protocol	HART
Application	Acidic Water Line (Ion-Exchange Unit)
Measuring Range (Diff. Pressure)	-25000 to 25000 mm H ₂ O (-2.5 to 2.5 bar)
Calibrated Range (Diff. Pressure)	-6000 to 6000 mmH ₂ O (-0.6 to 0.6 bar)
Static Pressure	0 to 10 bar
Type of pressure	Differential / Gauge
Resolution	1 mmWC
Process Temperature	Ambient (10 to 55 deg. C)
Over Pressure Limit	15 Bar
Programming	Through membrane type keys mounted on the front panel & Through HART
Material Wetted Part	a. Membrane - Hastelloy C b. other Parts : SS 316
Fill Fluid	Silicone
End Connection	1/4" NPT female threaded with screwed vent
Transmitter Hosing	Die Cast Aluminium with one glass cover for viewing the values and parameters
Cable entry	1/2" NPT
Vent	Screwed vent
Display	LCD type backlit display
Accuracy	0.2 % of full Scale
Range of Display	± 0000 to 9999 (with configurable decimal point)
Units	Selectable (mbar, mmHg, mm WC, bar & psi)
Mounting Bracket	Flange Bracket for 2" pipe mounting
Protection	As per IP 67
Warranty	18 months
Make	Siemens, Honeywell, E & H, Emerson Process, ABB

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