

Specification of Diaphragm type pressure transmitter

Type	Smart type 2 -wire Pressure Transmitter
Design	Flush Type Diaphragm (Chemical Seal) type; Diaphragm size 2"
Power Supply & Current o/p	18-30 V DC , 4-20mA dc.
Communication Protocol	HART
Application	Pressure measurement of Slurry line of Hydrocyclone (Neutral slurry: Solid content 40 to 50%)
Measuring Range (Diff. Pressure)	0 to 600Kpa (0 to 87 PSI)
Calibrated Range (Diff. Pressure)	0.0 to 200KPa (0 to 29.00PSI)
Over pressure limit	1.5 times of Full scale range
Type of pressure	Gauge
Resolution	0.1 PSI
Accuracy	$\pm 0.1\%$ of Full scale
Process Temperature	Ambient (10 to 55 deg. C)
Programming	Through integral membrane type keys & HART
Material Wetted Part	a. Membrane - Hastelloy C b. other Parts (including flange) : SS 316
Fill Fluid	Silicone
End Connection	Flanged 3" (As per ANSI 150#, Flange drilling as per ANSI 16.5, Flange Rating 300 Lbs)
Transmitter Hosing	Die Cast Aluminum
Cable entry	1/2" NPT
Vent	Screwed vent
Accessories	User Manual, Cable glands
Protection	As per IP 67
Warranty	1 year from the date of Installation
Make	Siemens, Honeywell, E & H, Emerson Process, ABB.

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