

SPECIFICATION FOR BED MASS PRESSURE TRANSMITTER

Type	:	Loop powered 2 Wire Differential Pressure Transmitter (Smart type, HART compatible)
Design	:	Flush diaphragm
Diaphragm Size	:	2" ^{Extension} Flush type
Diaphragm extension	:	4" Extension from flange
Diaphragm Material	:	SS 316
Measuring Range	:	0 to 10 Kg/Sq. cm
Calibrated Range	:	0 to 2 Kg/Sq. cm
Over Pressure Limit	:	1.5 times of Range
Accuracy	:	+/- 0.5% of FS range
Type of Pressure	:	Differential
Power supply	:	18 to 30V DC (24V DC Nominal)
Output	:	4 to 20mA, HART
Measurement unit	:	Kg/Sq.cm, PSI, Kpa, Mpa, mmWC, Bar, mBar
Process details	:	
Application	:	Uranium Ore Slurry
Temperature	:	Ambient (4 to 45 deg. C)
Fill Fluid	:	Silicon Oil
Calibration	:	Through Universal HART field Programmer
End Connection	:	Flanged, ANSI 150, drilled as per ANSI 16.5
Electrical Connection	:	1/2" NPT
^{All wetted Part} Housing Material	:	^{SS 316} Die Cast Aluminum
Protection	:	IP 65
Accessories	:	User Manual & Cable Glands
Make	:	Siemens, ABB, Honeywell, E&H, Rosemount, Emerson Process

Note: Transmitter with remote seal having capillary tube will be rejected

1.10.14
1.11.14