

TX PRESSURE TRANSMITTER



General information:

TX is a newly developed pressure transmitter with LED display. The high stable pressure sensor and high performance specialized processing circuit are mounted in stainless steel housing. It is stable and reliable. TX can be widely used for liquid pressure measurement in power plant, hydrology and geology fields etc.

Features:

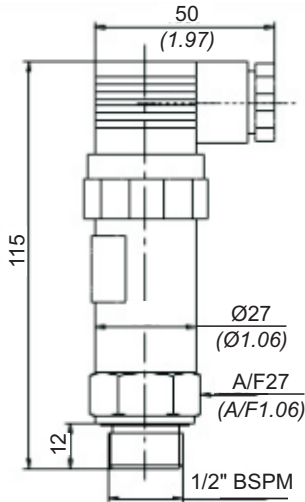
- Safe, reliable
- Short circuit protection and reversed polarity protection
- 2-wire current output
- Zero clearing function
- Segment LED display, real time pressure

SPECIFICATIONS:

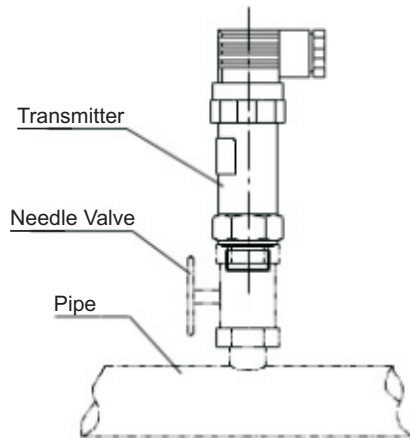
Sr. No.	Specifications	
1.	Range	0-0.1 bar...400 bar
2.	Overpressure	1.5 FSR
3.	Pressure Type	Gauge / Absolute
4.	Accuracy	± 0.5 % FSR
5.	Power Supply	11 to 28 VDC
6.	Output	4-20 mA DC (2-wire)
7.	Load Resistance	≤ (U-11)/0.02(Ω)
8.	Electric Connection	DIN 43650
9.	Long-term Stability	± 0.3 % FSR / year (Max.)
10.	Operation Temperature	- 25 to 75 °C
11.	Zero Thermal Drift	± 0.1 % FSR / °C
12.	Storage Temperature	- 40 to 80 °C
13.	FS Thermal Drift	± 0.1 % FSR / °C
14.	Relative Humidity	0 to 85%
15.	Protection Level	IP65 Compliant

PRESSURE TRANSMITTER TX

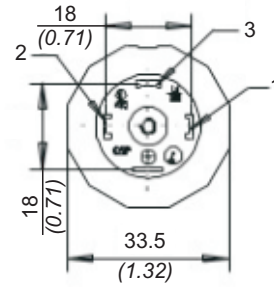
Installation Drawing



Suggested Installation

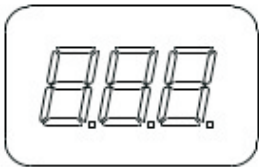


Electric Connection



APPROX. DIMENSIONS IN $\frac{\text{mm}}{\text{inches}}$

Display (bar)



Pin definition

Pin	Description
1	+V
2	+OUT
3	Null

How to order Pressure Transmitter

Group 1	Group 2	Group 3	Group 4	Group 5	Group 6	Group 7
Model	Electric Connection	Transmitter Type	Range Code (values in bar)	Output	Pressure Port Material / Size	Diaphragm
TX = Pressure Transmitter	1 = DIN Connector	PG1 = Pressure (g) bar PA1 = Pressure (a) bar	H01 = 0 - 1 H04 = 0 - 4 H07 = 0 - 7 H10 = 0 - 10 H30 = 0 - 25 H4T = 0 - 40 H1H = 0 - 100 H3H = 0 - 250 H4H = 0 - 400	E0 = 4-20 mA, loop powered (2-wire)	S6 = SS / 1/2" BSPM	2 = SS316L

g = Gauge Pressure a = Absolute Pressure

ORDER NOTE:

1. Please make sure the measured media is compatible with wetted parts.
2. Pressure port can be customised for users. Please mention in enquiry.
3. For special requirement, please contact us.

e.g.: A pressure transmitter with DIN connector in gauge pressure having 0 to 1 bar pressure range with 4-20 mA output, 1/2" BSPM port size & SS 316L diaphragm shall be specified by,

Group 1	Group 2	Group 3	Group 4	Group 5	Group 6	Group 7
TX	1	PG1	H01	E0	S6	2

Please specify full model number to avoid ambiguity.