

Pressure Transmitters

Series 4400



Non-flameproof : Series 4450-TX-U

Flameproof : Series 4450-TX-EX

SALIENT FEATURES

- ◆ Gauge, Absolute pressure
- ◆ 2 wire design
- ◆ Temperature Compensated upto 80 deg C
- ◆ All wetted parts SS 316
- ◆ Reverse polarity protected
- ◆ With or without local indication
- ◆ Flame proof, non flame proof versions available
- ◆ Liquid level measurement
- ◆ Chemical remote seal can be provided



TECHNICAL SPECIFICATIONS

Ranges (in bar)	: -1 to 0	0 to 25
	: -1 to 1	0 to 60
	: -1 to 5	0 to 100
	: 0 to 1	0 to 250
	: 0 to 2	0 to 400
	: 0 to 10	0 to 600
Over Pressure	: 2 X FS	
Rupture Pressure	: 3 X FS	
Output	: 4 to 20 mA DC proportional to input in two-wire loop	
Supply	: 12 V DC to 36 V DC	
Output load (ohm)	: (Supply voltage - 12 V) / 20 mA	
Display	: 3 ½ digit. ½" LCD (optional)	
Wetted parts	: Ss316 (Others on request)	
Rangeability	: 1:5	
Accuracy	: < +/- 0.2% of FSD	
Repeatability	: < +/- 0.15%	
CMRR	: 110 dB	
Temperature	: 0 to 50 deg C operating	
	: 0 to 70 deg C storage	
	: 0 to 80 deg C fluid (higher temperatures on request)	
Temperature Coefficient	: 0.015% / deg C	
Humidity	: 95% RH non-condensing max	
Process Connection	: 1/4" BSP (M) others on request	
Cable Entry	: 3/4" ET	
Enclosure	: Cast Al, Flame proof Gr IIA, IIB, Weather proof Ip65	

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