

Flame Proof Pressure Transmitter

Model : EPT

Overview

Explosion Proof Pressure Transmitter with high accuracy are used for various application like hydraulic, Pneumatic, refrigeration and HVAC control system, motor fuel control, Process Control.

FEATURES

- Light Weight
- Extended Temperature range
- Low cost OEM
- Rugged Construction
- Reverse Polarity protection
- Shock, Vibraton Proof



SPECIFICATION

	MIN	MAX	Unit
Accuracy	: -0.25	0.25	: % ,F.S.
Operating Temperature	: -40	125	: °C
Proof Pressure	: 2X		: Rated
Burst Pressure	: 3X		: Rated
Long Term Stability (1 year)	: -0.25	0.25	: % ,F.S.
Current Consumption	:	5	: mA
Wetted Part	: 316 Stainless Steel		
Housing Enclosure	: Aluminium alloy LM-6		
Protection	: IP66		
Ex Protection	: Flame Proof Ex 'd' (CMRI/CCOE)		
Zone & Gas Group	: Gas Group I,IIA, IIB and Zone 1&2		
Output	2 wire	3 wire	3wire 3wire 3wire
supply	4-20mA	1-5 V	0-10V 0-5V 0.5-4.5V
	9-30V	9-30V	15-30V 10-30V 5V

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Range Table 1

Range (bar)				Compound Range		Vacuum (bar)	
Range	Code	Range	Code	Range	Code	Range	Code
0/1	1 BG	0/25	25 BG	-1/1	2 BC	-1 /0	1 BA
0/2	2 BG	0/30	30 BG	-1/3	3 BC		
0/4	4 BG	0/40	40 BG	-1/6	6 BC		
0/6	6 BG	0/100	100 BG	-1/10	10 BC		
0/10	10 BG	0/200	200 BG	-1/20	20 BC		
0/16	16 BG	0/400	400 BG				
0/18	18 BG	0/700	700 BG				
0/20	20 BG	0/1000	1K BG	Other ranges available on request			

Selection Guide

EPT-A1-M1-G1-10BG

Model	Output		Accuracy		Pressure Port		Range	
	EPT	A1	4-20mA	M1	0.5%	G1	1/4" BSP (M)	refer Table 1
	A2	0.5~4.5V	M2	0.25%	G2	1/4"NPT (M)		
	A3	0~5V			G3	1/2" BSP (M)		
	A4	1~5V			G4	1/2" NPT (M)		
	A5	0~10V				*		
					F1	1"ASA150# RF Flange	P1	PTFE Lining
					F2	1.5"ASA150# RF Flange	P2	PTFE Coating
					F3	2"ASA150# RF Flange		

DIFFERENT TYPES

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