

## EXPLOSION PROOF PRESSURE TRANSMITTER

### Special Features:

- Low Cost OEM
- Extended Temperature Range
- Light Weight
- Compact Construction
- Reverse Polarity Protection
- Over Ten Million Pressure Cycles



### Applications:

Explosion Proof Pressure Transmitters with High Accuracy are used for various applications in Hydraulics, Pneumatics, Industrial Robots, Refrigeration and HVAC Controls, Process Control, Motor Fuel Control, Fuel Applications and High end industrial machinery.

### Performance Specifications:

Pressure Range	: 3 Bar ~ 4000 Bar; Optionally available in psi / MPa / kg/cm <sup>2</sup>
Accuracy	: ±0.25%
Operating Temp.	: - 40°C to 125°C
Compensated Temp.	: - 20°C to 85°C
Proof Pressure	: 2X
Burst Pressure	: 5X
Input Voltage	: 12 - 36 VDC
Output	: 4-20 mA , 0-10V , 0-5V, 0.5-4.5V Ratiometric, 1-5V
Housing Enclosure	: Aluminium Alloy LM-6
Protection	: IP 66
Ex Protection	: Flameproof Ex 'd' (CMRI / CCOE)
Zones and Gas Groups	: Gas Groups I, IIA, IIB and Zone 1 & 2
Agency Approval	: CE

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	2 Wire	3 Wire	3 Wire
Output	: 4 - 20mA	0.5 - 4.5V	0 - 10V
Excitation (V)	: 9 - 30V	4.75 - 5.25V	15 - 30V

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### Standard Ranges:

RANGE (BAR)	RANGE (BAR)	RANGE (BAR)
0/3	0/4	0/5
0/6	0/7	0/10
0/12	0/16	0/18
0/20	0/25	0/30
0/40	0/50	0/60
0/70	0/100	0/160
0/200	0/250	0/300
0/350	0/400	0/500
0/600	0/700	0/1000
0/1600	0/1800	0/2000

\* Non Standard Ranges And Various Engineering Units Available On Request



## HOW TO ORDER

### Basic Model:

MSX

1	0.5 to 4.5V (ratiometric)	2	4 - 20mA	3	1 to 5V	8
4	0 to 10V	5	0 to 5V	6	0 to 100mV	

### Process Connection:

10B

03B	1/8" BSP (M)	06BT	1/4" BSPT(M)	15N	1/2" NPT (M)	M16	M 16 X 1.5 (M)
03N	1/8" NPT (M)	10B	3/8" BSP (M)	15B	1/2" BSP (M)	M20	M 20 X 1.5 (M)
06N	1/4" BSP (M)	10BT	3/8" BSPT(M)	15BT	1/2" BSPT(M)		
06N	1/4" NPT (M)	10N	3/8" NPT (M)	M12	M 12 X 1 (M)		

Non standard connections can be provided through adaptors.

Note : Connections like PT/PF/Flaired /UNF/G/R etc.can be provided on request.

### Pressure Range:

010

Please Refer to the range table

### Units:

B

B	Bar
P	Psi

### Pressure Type:

G

A	Absolute Pressure
G	Gauge Pressure

Ordering Example: MSX8-10B-010BG