



INDUSTRIAL FLUID POWER COMPONENTS
AND SYSTEMS



X SERIES

Transmitters/ Transducers



XMT1-2K-4MP

Features

- **High Pressure Range:** 14 - 7250 psi (1 - 600 bar)
- **Accurate:** +/- 0.5% at -20 to 85°C
- **Compact Size/ Performance Ratio**
- **Robust Package:** All Laser Welded Stainless Steel for Optimal Media Isolation
- **Maximum Flexibility:** Temperature Compensation



Specifications

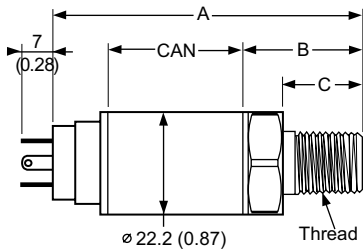
	XDR1 Transducer	XMT1 Transmitter	XDR2 Transducer
Output Type	0.5 - 4.5 VOLTS	4-- 20 mA	1 - 5 VOLTS
Accuracy at -20 to 85°C	0.5%FS		
Total Error Accuracy at -40 to 19°C; 86 to 105°C	1.0%FS		
Compensated Temperature	-40 to -105°C		
Operating and Storage Temperature	-40 to -105°C		
Stability (Typical)	0.25%FS/Year		
Zero Pressure Offset	0.5V	40 mA	1.0V
Full Scale Output	4.5V	20 mA	5.0V
Proof Pressure	3x FS		
Burst Pressure (Absolute Pressure Transducers)	10 x FS or 15000Psia		
Burst Pressure (Gage Pressure Transducers)	5 x FS		

Electrical Specifications

Pin	
1	+ Power (8-30 VDC)
2	Output (4-20mA)
3	Ground (Case)
4	Not Used

	XDR1 Transducer	XMT1 Transmitter	XDR2 Transducer
Output Type	0.5 - 4.5 VOLTS	4-- 20 mA	1 - 5 VOLTS
Supply Voltage	5 + / - 0.5	8 to 30 Volts	8 to 30 Volts
Supply Current	<5 mA	Not Applicable	<5 mA
Output Current	0.45 mA Max (Sink or Source)	Not Applicable	0.45 mA Max (Sink or Source)
Response Time	<1 ms	<1 ms	<1 ms
Reverse Polarity Protection	N/A	Yes	Yes

Dimensional Data



Code	Thread Size	A		B	C
		Current Output 20mmCAN	Current Output 30mmCAN		
4MP	1/4" - 18NPT	68.5 (2.70)	58.5 (2.30)	26.5 (1.04)	18.0 (0.71)
2MP	1/8" - 27NPT	63.5 (2.50)	53.5 (2.11)	21.5 (0.85)	13.0 (0.51)

Ordering Information

XMT1 - 3.6K - 4MP

X Series	Pressure Range	Thread Size
XMT1 = Transmitter	1K = 1000psi	4MP = 1/4" - 18NPT
XDR1 = Transducer	2K = 2000psi	2MP = 1/8" - 27NPT
XDR2 = Transducer	3.6K = 3600psi	
	5.8K = 5800psi	