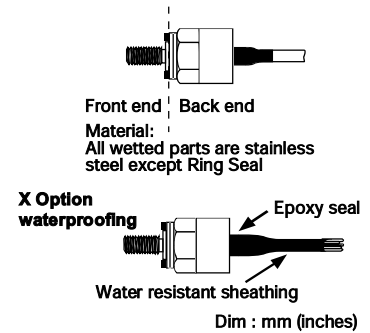
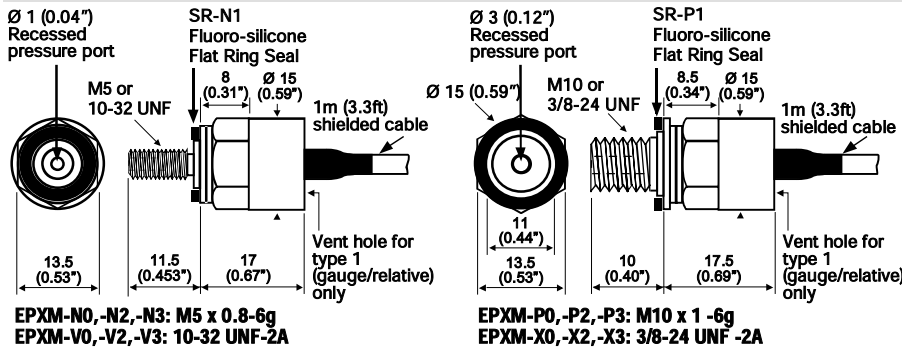


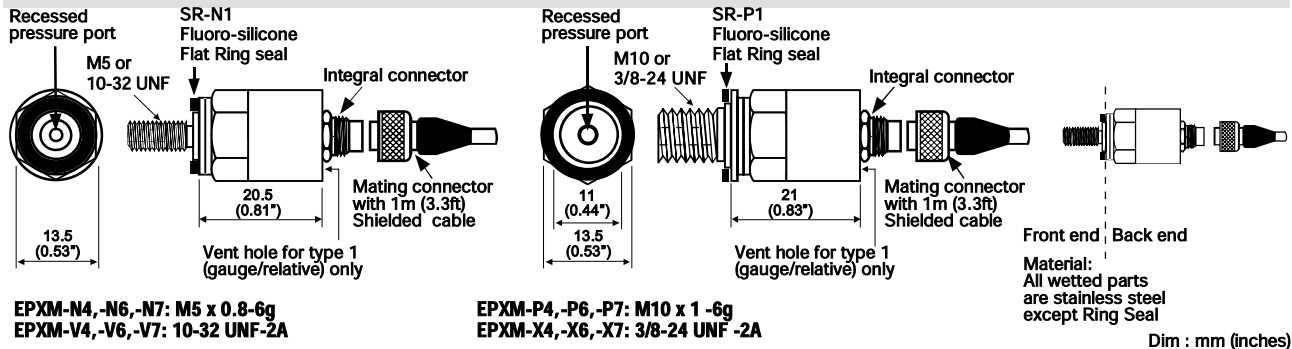
EPXM Series Pressure Sensors

High Stability - Recessed Stainless Steel Diaphragm

EPXM-N0, -N2, -N3, -P0, -P2, -P3, -V0, -V2, -V3, -X0, -X2 and -X3



EPXM-N4, -N6, -N7, -P4, -P6, -P7, -V4, -V6, -V7, -X4, -X6 and -X7




EPXM Series

PSI RANGES "FS" (Note 1)	BAR RANGES "FS" (Note 1)	PRESSURE LIMIT	RESONANT FREQUENCY nom. (Note 2)	OUTPUT "FSO" nom. (Note 3)	CNL&H (%FSO)	THERMAL ZERO SHIFT /50°C (/100°F)
150	10	1.5XFS	30 KHz	9 mV or 5V	± ¼ %	± ½ % FSO
200	15	1.5XFS	45 KHz	9 mV or 5V	± ¼ %	± ½ % FSO
300	20	1.5XFS	50 KHz	9 mV or 5V	± ¼ %	± ½ % FSO
500	35	1.5XFS	65 KHz	9 mV or 5V	± ¼ %	± ½ % FSO
1000	70	1.5XFS	95 KHz	9 mV or 5V	± ¼ %	± ½ % FSO
1500	100	1.5XFS	110 KHz	9 mV or 5V	± ¼ %	± ½ % FSO
2000	150	1.5XFS	130 KHz	9 mV or 5V	± ¼ %	± ½ % FSO
3000	200	1.5XFS	150 KHz	9 mV or 5V	± ¼ %	± ½ % FSO
5000	350	1.5XFS	190 KHz	9 mV or 5V	± ¼ %	± ½ % FSO

Notes: ¹ Vented (gauge/relative), Sealed or Absolute Pressure References 1, 2 or 3. Temperatures expressed in °F for PSI Ranges and °C for BAR Ranges. ² Resonant Frequency for sensor's diaphragm within the pressure port cavity. Useful frequency is a function of cavity resonance and thereby suitable for static and low frequency use only. ³ FSO is 9 mV nom. for types N0, N4, P0, P4, V0, V4, X0, X4; 5V nom. on all others.

EXCITATION:	N0, N4, P0, P4, V0, V4, X0 & X4=5VDC	N2, N6, P2, P6, V2, V6, X2 & X6=±15VDC
OUTPUT "FSO" nom.:	5V on -N,V,P,X Types 2,3,6 & 7; 9mV on -N,V,P,X Types 0 & 4.	
ELECTRICAL IN:	N0, N4, P0, P4, V0, V4, X0 & X4=1KΩ nom. All except N2, N6, P2, P6, V2, V6, X2 & X6=1KΩ nom.	
ELECTRICAL OUT:	N2, N6, P2, P6, V2, V6, X2 & X6=<1Ω	
CE CONFORMANCE:	EN 61010-1, EN 50081-1, EN 50082-1	
NON-REPEATABILITY:	±0.1% FSO	
THERMAL SENSITIVITY SHIFT (TSS):	± ½ %/50°C (± ½ %/100°F)	
OPERATING TEMPERATURE:	-40°C to 125°C (-40°F to 257°F)	
COMPENSATED TEMPERATURE:	0°C to 60°C (32°F to 140°F)	
ZERO OFFSET AT 21°C (70°F):	±5% FSO typ.	
PRESSURE REFERENCES:	1 = Vented (gauge/relative)	2 = Sealed at 1 atmosphere
		3 = Absolute (Zero offset to 0 pressure absolute)

 www.entran.com	EPXM PRESSURE SENSORS High Stability-Stainless Steel Recessed Diaphragm	Entran Sensors & Electronics USA: Fairfield, NJ UK: Garston, Watford, Herts, England Europe: Les Clayes-sous-Bois, France			
		SPECIFICATION	ISSUE	PAGE	
		EPXMS001U	PD0	1 of 2	

EPXM specifications continued ...

Options and Accessories:

COMPENSATED TEMPERATURE RANGES:

STANDARD = 0°C to 60°C (32°F to 140°F)
 Z0 = -40°C to 20°C (-40°F to 70°F)
 Z02 = -40°C to 60°C (-40°F to 140°F)
 Z35 = 20°C to 120°C (70°F to 248°F)
 Z* = Non-standard, contact Entran

EXCITATION VOLTAGE:

V* = Non-standard Excitation and FSO, contact Entran.

SPECIAL CABLE LENGTH:

L00F = Replace "00" with total length in feet.
 L00M = Replace "00" with total length in meters.

WATERPROOFING CABLE EXIT FOR EPXM-N0, -N2, -N3, -P0, -P2, -P3, -V0, -V2, -V3, -X0, -X2 & -X3 WITH PRESSURE REFERENCE TYPE 2 OR 3 ONLY:

X = Short term waterproofing.

CONNECTOR WIRED TO CABLE:

C = Microtech type male or equivalent (w/o mate)
 RS = RJ Telephone type male (w/o mate)
 RQ = Pins to mate with MM50 screw terminals

MATING CONNECTORS FOR CONNECTOR OPTIONS:

See Cable and Connector Bulletins

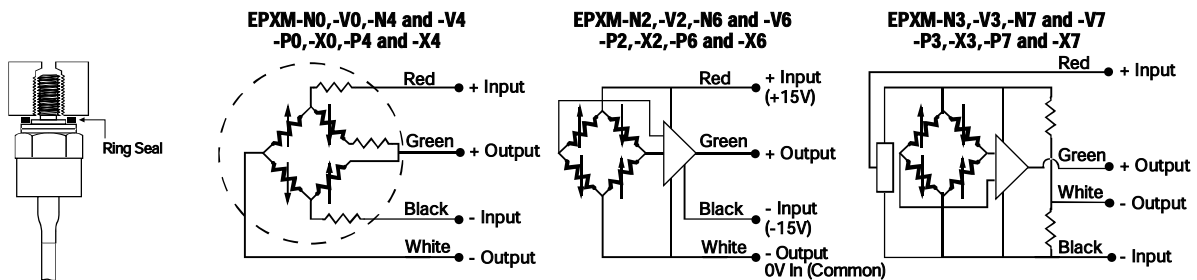
EXTRA RING SEALS FOR EPXM:

SR-N1 = Fluoro-Silicone SR-N2 = Viton
 SR-P1 = Fluoro-Silicone SR-P2 = Viton

Model Number construction:

EPXM Series	-	N0 Body	1 Reference	-	150 Range	B Units	-	/RS/L3M/Z0 Options
		N0 P0 V0 X0	1		(K used for 1000 Ex: 1K)	B = BAR P = PSI		C, RS or RQ L00F or L00M V* X Z0, Z02, Z35 or Z*
		N2 P2 V2 X2	2					
		N3 P3 V3 X3	3					
		N4 P4 V4 X4						
		N6 P6 V6 X6						
		N7 P7 V7 X7						

Installation:



Recommended installation torque :
 For all pressure range: 1m.N (8 In-Lbs)

It is recommended that "0V COMMON" of the power supply be grounded if consistent with proper operation of the instrumentation system.

Common mode output voltage of +2V nom. referred to -Input

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		EPXMS001U	PD0	2 of 2

CONTATO

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