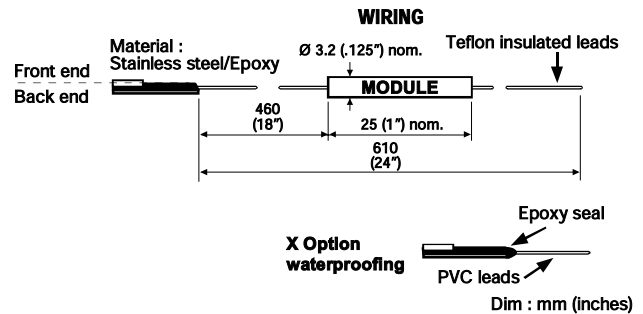
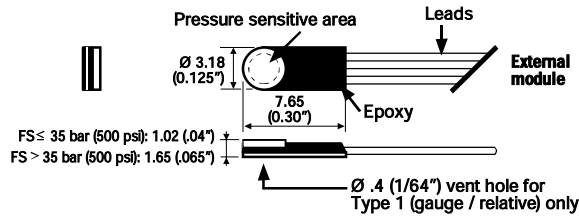


EPL Series Pressure Sensors

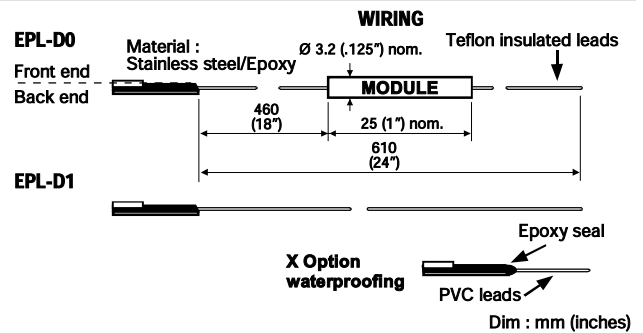
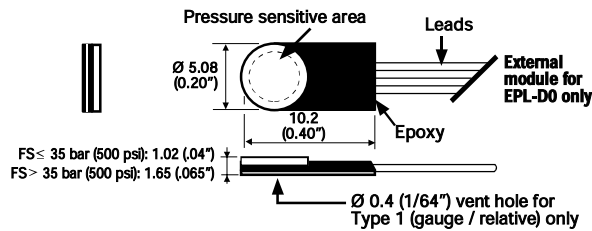


Miniature Surface Mount - Stainless Steel Diaphragm

EPL-B0



EPL-D0 and EPL-D1



EPL Series

PSI RANGES "FS" (Note 1)	BAR RANGES "FS" (Note 1)	PRESSURE LIMIT	RESONANT FREQUENCY nom. (Note 2)	OUTPUT "FSO" nom.	CNL&H (%FSO)	THERMAL ZERO SHIFT /50°C (/100°F)	G SENS. (%FSO/g)
5	0.35	10 XFS	EPL-B: 60 KHz EPL-D: 40 KHz	10 mV 25 mV	± 1 %	±1 mV	0.014
10	0.7	5 XFS	EPL-B: 60 KHz EPL-D: 40 KHz	20 mV 50 mV	± 1 %	±1 mV	0.007
25	1.5	3 XFS	EPL-B: 60 KHz EPL-D: 40 KHz	50 mV 75 mV	± 1 %	±1 mV	0.0035
50	3.5	2 XFS	60 KHz	100 mV	± 1 %	±1½ %FSO	0.002
100	7	2 XFS	65 KHz	125 mV	± ½ %	±1½ %FSO	0.0013
250	15	2 XFS	85 KHz	125 mV	± ½ %	±1½ %FSO	0.0007
500	35	2 XFS	120 KHz	125 mV	± ½ %	±1½ %FSO	0.0005
1000	70	2 XFS	170 KHz	125 mV	± ½ %	±1½ %FSO	0.0003
2500	150	1.5 XFS	250 KHz	125 mV	± ½ %	±1½ %FSO	0.0003
5000	350	1.5 XFS	350 KHz	125 mV	± ½ %	±1½ %FSO	0.0002

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 Useful frequency is 20% of Resonant Frequency.

EXCITATION: 10VDC
IMPEDANCE IN: 1200Ω nom. typ.
IMPEDANCE OUT: 350Ω nom.
NON-REPEATABILITY: ± ¼ % FSO
THERMAL SENSITIVITY SHIFT (TSS): ±2%/50°C (±2%/100°F)
OPERATING TEMPERATURE: -40°C to 120°C (-40°F to 250°F)
COMPENSATED TEMPERATURE: 20°C to 80°C (70°F to 170°F) Option Z2: 0°C to 60°C (32°F to 140°F)
ZERO OFFSET AT 21°C (70°F): ±10 mV typ.
PRESSURE REFERENCES:
 1 = Vented (gauge/relative)
 2 = Sealed at 1 atmosphere
 3 = Absolute (Zero offset to 0 pressure absolute)

 www.entran.com	EPL PRESSURE SENSORS Miniature Surface Mount Stainless Steel Diaphragm	Entran Sensors & Electronics USA: Fairfield, NJ UK: Garston, Watford, Herts, England Europe: Les Clayes-sous-Bois, France		
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EPL specifications continued ...

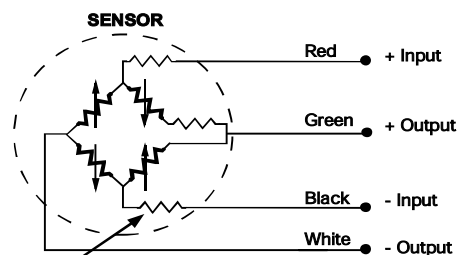
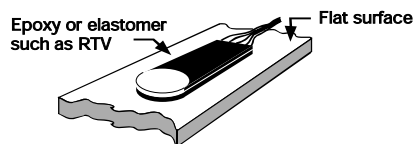
Options and Accessories:

COMPENSATED TEMPERATURE RANGES:	STANDARD	= 20°C to 80°C (70°F to 170°F)
	Z0	= -40°C to 20°C (-40°F to 70°F)
	Z1	= -20°C to 40°C (0°F to 100°F)
	Z2	= 0°C to 60°C (32°F to 140°F)
	Z4	= 40°C to 90°C (100°F to 200°F)
	Z*	= Non-standard, contact Entran
5 WIRE BRIDGE WIRING FOR ADJUSTABLE ZERO OFFSET:	5	= 5 Wire
EXCITATION VOLTAGE:	STANDARD	= 10VDC
	V00	= Replace "00" with Excitation between 1 and 10. If less than 10, Sensitivity (FSO) will decrease accordingly.
	V*	= Non-standard Excitation with standard FSO and non-standard TSS, contact Entran.
SPECIAL LEAD LENGTH:	L00F	= Replace "00" with total length in feet.
	L00M	= Replace "00" with total length in meters.
SPECIAL MODULE LOCATION FOR EPL-B0 AND EPL-D0 ONLY:	M00F	= Replace "00" with distance between sensor and module in feet.
	M00M	= Replace "00" with distance between sensor and module in meters.
WATERPROOFING LEAD EXIT FOR PRESSURE REFERENCE TYPES 2 & 3 ONLY:	X	= Short term waterproofing. Limited to 105°C (220°F).
CONNECTOR WIRED TO LEADS:	C	= Microtech type male or equivalent (w/o mate)
	R	= 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	

Model Number construction:

EPL	-	B0	1	-	7	B	-	/R/L3M/Z2
Series		Body	Reference		Range	Units		Options
		B0	1		(K used for 1000 Ex: 1K)	B = BAR P = PSI		V1 thru V10 or V* X Z0, Z1, Z2, Z4 or Z* 5
		D0	2				C, R or RQ L00F or L00M M00F or M00M	
		D1	3					

Installation:



EPL-B0 and EPL-D0 compensation resistors in external module

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CONTATO

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