

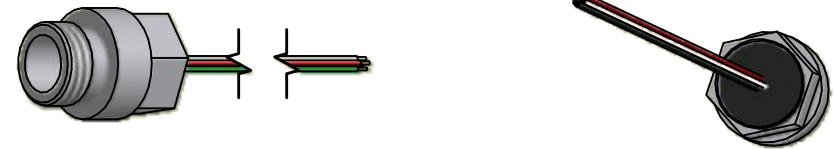
SPECIFICATIONS

- 1. Full Scale Pressure Ranges: 0 - 100 psig to 0 - 10,000 psis
- 2. Maximum Overload – No Damage: 2x Full Scale or 11,000 psi (Whichever is less)
- 3. Excitation: 15.00 Vdc Max
- 4. Full Scale Output: 2.0 mv/V Nominal (for SS and TI)
1.5 mV/V Nominal (for AL and AN)
- 5. Bridge Impedance: For ranges 1.5Kpsi and below, 950Ω Input, 1000Ω Output Nominal
For ranges above 1.5Kpsi: 330Ω Input, 350Ω Output Nominal
- 6. Zero Balance: Within 0.8 Mv/V
- 7. Zero Drift Vs Temperature: Within 1% Full Scale Per 100°F
- 8. Span Vs Temperature: Within 2% Full Scale Per 100°F
- 9. Accuracy: Within 1% Of Full Scale (Linearity, Hysteresis, & Repeatability Combined)
- 10. Operating Temperature Range: -20° To 200° F
- 11. Storage Temperature Range: -50° To 250° F
- 12. Electrical Connections: Four Color-Coded Pig Tails
- 13. Wire Color Code: Red.....+ Excitation
Black..... - Excitation
Green.....+ Signal
White..... - Signal
- 14. Maximum Torque On Installation With No Changes To Performance: 10-12 In-Lbs.
- 15. Housing Material And Material In Contact With Measurand: See Ordering Information
O-ring Material (where supplied): Buna-N (NBR).
Not all material - port - range combinations are possible.

Ordering Information **Model SH - XX - XX - XXXXX**

Housing Material	SS.....17-4 PH Stainless Steel	TI.....Titanium Alloy	AL.....Aluminum Alloy	AN.....Anodized Aluminum Alloy	Pressure Range (psig for 250 and below, psis for 500 and above)
					100
					250
					500
					1000
					1500
					2500
					5000
					10000

Port Configuration (see drawing detail)



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DRAWN BY: RRV DATE: 3/23/2004 MATERIAL:			
CHECKED BY: DATE: FINISH:			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		SCALE 2:1	
TOLERANCES ON: DECIMALS 2 PLACE: ± 0.01 3 PLACE: ± 0.005 FRACTIONS: ± 1/64 ANGLES: ± 0.25°		SHEET 1 OF 1 57747	
Model SH MINIATURE PRESSURE SENSOR		SIZE	REV
		B	53295 L