



SUBMERSIBLE DEEP SEA PRESSURE TRANSMITTER

MODEL 7500-9000 SERIES

Designed for the tough challenges and environmental rigors of deep sea ocean applications.

- Depth / Level Sensing
- Seawater Submersible, ROV's
- Oil Platform and Downhole Applications
- Ocean Pump Stations

FEATURES:

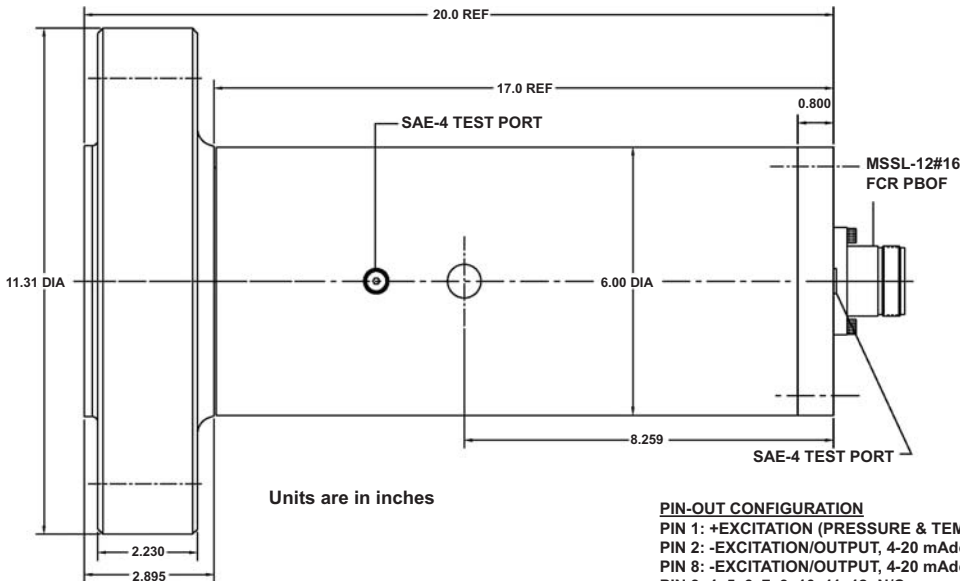
- High Accuracy, 0.25% FSO
- Submersible to 30,000 feet seawater
- Digital output available



All GP:50 Aerospace pressure transducers are manufactured and tested to the following MIL-STD and MIL-Spec standards to insure the highest quality assurance:

- NIST Traceability and Calibration..... MIL-STD-45662A
- Workmanship J-001 / NASA 8739.3 standards
- Quality System ISO 9001:2000

Designed to: MIL-STD-810C&E
 MIL-STD-461/462D&E



GP:50 reserves the right to make product improvements and amendments to the product specifications stated throughout this brochure without prior notification. Please contact the factory on all critical dimensions and specifications for verification.



Specifications reflect standard product, improved performance/mechanical options available. Modifications may alter specs, consult factory for more information.

Ranges	0 thru 20,000 PSIG
Outputs	4-20 mA, 0-Full Scale Pressure 4-20 mA, 0-200° C
Accuracy	±0.25% FSO (RSS)
Proof Pressure	1.5X Pressure Range
Burst Pressure	2.5X Pressure Range
Zero Balance	±1.0% FSO for pressure and temperature
Span	±1.0% FSO for pressure and temperature
Stability	±0.5% FSO per year
Operating Range	
Electronics	-10°C to 80°C
Process	-10°C to 220°C
Compensated Range	0°C to +200°C
Temperature Performance	(Pressure Only) Zero Balance: Less than 1.0% FSO per CTR Span: Less than 1.0% FSO per CTR
Wiring Code:	Pin 1 +Excitation (Pressure & Temperature) Pin 2 -Excitation / Pressure (Output 4-20mAdc / HART) Pin 8 -Excitation / Temperature (Output 4-20mAdc / HART) Pin 3, 4, 5, 6, 7, 9, 10, 11, 12: N/C
Excitation	12-36 Vdc 18-36 Vdc for Hart communication (250 ohm load required)
Connector	MSSL-12-FCR-PBOF

ORDERING GUIDE:

Ordering: Specify model, and pressure range and indicate modifications or accessories required. Use the following codes to identify desired item.

MODEL	RANGE	PORT	INLAY	APPROVAL
●	—	●	—	●

Example: 7500-9000-SB-1-S

MODEL	
7500-9000	15,000 PSI Flange
7500-9001	15,000 PSI Hub
7500-9002	10,000 PSI Flange
7500-9003	10,000 PSI Hub
7500-9004	5,000 PSI Flange

RANGE (PSIG)	
SB	0-15,000
SD	0-20,000

PORT OPTION	
5K PSI MODELS ONLY	
1	API 3 1/8, with AX groove
2	API 3 1/8, with RX-35 groove
3	API 4 1/16, with AX groove
4	API 4 1/16, with RX-39 groove
6	API 3 1/8, with BX-154 groove
8	API 4 1/16, with BX-155 groove

10K/15K PSI MODELS ONLY	
1	API 3 1/16, with AX groove
2	API 3 1/16, with BX-154 groove
3	API 4 1/16, with AX groove
4	API 4 1/16, with BX-155 groove

INLAY OPTIONS	
I	625 Inconel
S	316 Stainless Steel

APPROVAL / CERTIFICATION OPTION	
D	DNV Cert