

SUBMERSIBLE DEEP SEA PRESSURE TRANSMITTER

Models 7500-9000
7500-9001
7500-9002
7500-9003
7500-9004

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:

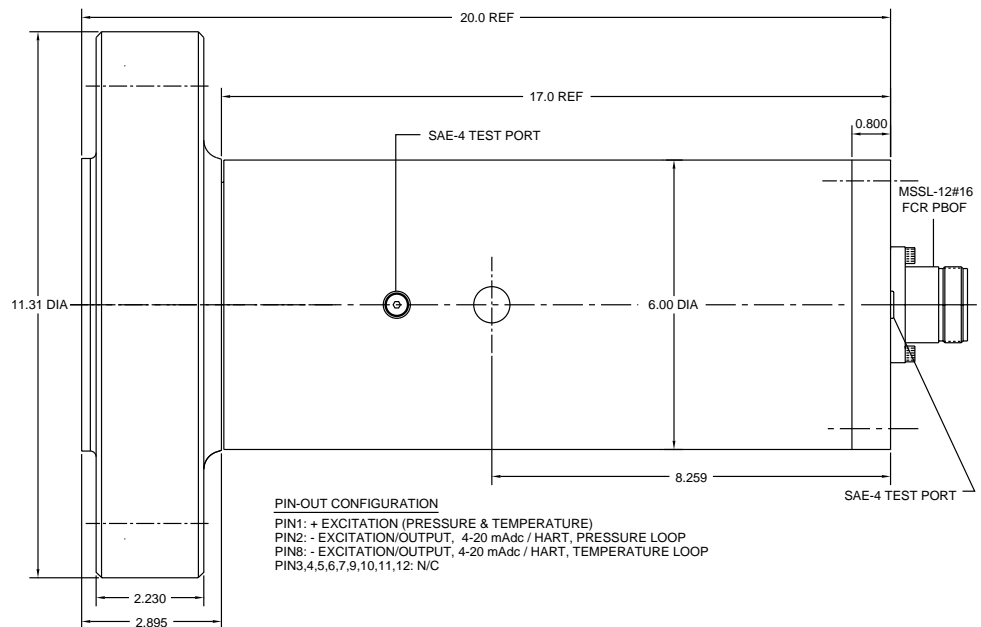
- High accuracy, 0.25% FSO
- Submersible to 30,000 feet seawater
- Digital output available



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 CalibrationMIL-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



Units are in inches. See reverse side for specifications and ordering guide.

SPECIFICATIONS

These specifications are the standards to which the units are normally constructed. Alterations may be easily and readily accomplished by the standard modification code or by discussion with the factory. Traceability, customer ATP, additional testing and construction options are available. We invite your inquiry.

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:

Some options will affect dimensions, consult factory if important.
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

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

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 OPTION

I	625 Inconel
S	316 Stainless Steel

APPROVAL / CERTIFICATION OPTION

D	DNV Cert
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