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TRIDENT AUSTRALIA
FLUID SYSTEMS & COMPONENTS



WELLHEAD SUBSEA PRESSURE TRANSMITTER

MODEL 7501-9000

FEATURES:

- Compact, subsea rated design
- API flanged process connections
- Seawater submersible to 30K ft (9,144 M)
- $\pm 0.15\%$ FSO accuracy
- Optional digital communication protocols
- Optional temperature output

PRODUCT OVERVIEW:

The 7501-9000 Series from GP:50 is a high-accuracy subsea rated pressure transmitter offering more than 15 years of field-proven pedigree. This Series features an API flanged process connection with Inconel inlay and all stainless steel housing with full seawater compatibility to 30K ft (9,144 M). Pressure ranges available from 0-500 through 0-30,000 psi with 4-20mA output or optional digital protocols.



Model 7501-9000
Subsea Wellhead
Pressure Transmitter

FIELD OPTIONS:

- Inconel or Hastelloy wetted material
- Subsea rated electrical connectors
- Various API rated flanges
- HART communication protocol
- Optional Canbus or RS485 output

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GP:50 MODEL 7501-9000

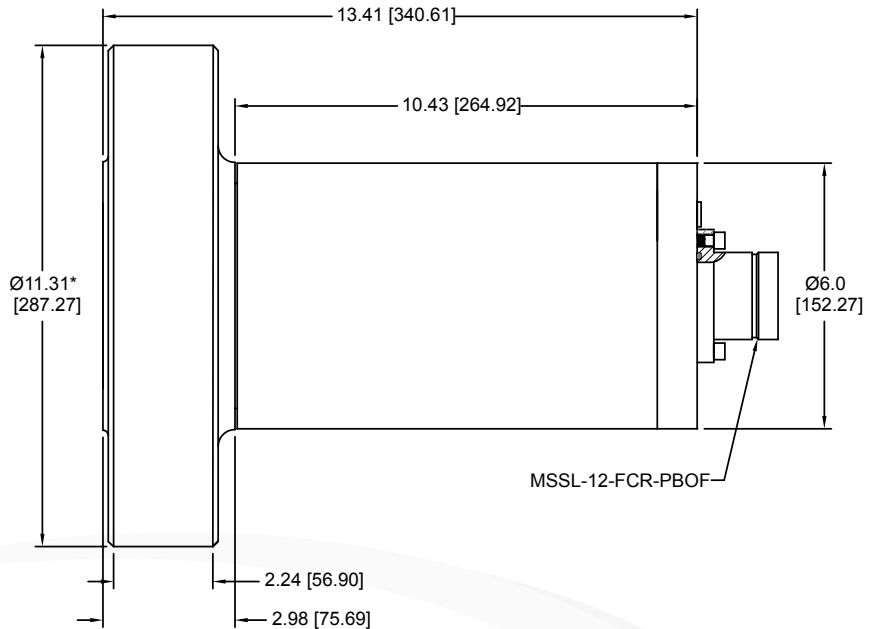
DIMENSIONAL DRAWING

All dimensions are in inches (mm)

STANDARD WIRING

PIN	MODEL 7500-9000	DESCRIPTION
1	+EXC/SIG	PRESSURE & TEMPERATURE
2	-EXC/SIG	4-20mA dc/HART, PRESSURE LOOP
8	-EXC/SIG	4-20mA dc/HART, TEMPERATURE LOOP
3,4,5,6,7,9,10,11,12	N/C	N/A

* VARIES BY FLANGE TYPE



REFERENCE SPECIFICATIONS

ELECTRICAL
<ul style="list-style-type: none"> Excitation Voltage: 12 to 36 Vdc 18 to 36 Vdc for HART communication (250 Ω load required) Output Signal: 4-20 mA both pressure and temperature HART optional Zero Balance: ±0.5% FSO pressure and temperature Span: ±0.5% FSO pressure and temperature Stability: ±0.5% FSO/year Connection: MSSL-12-FCR-PBOF
MATERIALS OF CONSTRUCTION
<ul style="list-style-type: none"> Wetted Parts: 718 Inconel & 4130 (optional Inconel or Hastelloy inlay)
STATIC ACCURACY (RSS) (HYSTERESIS, NON-LINEARITY & REPEATABILITY @ +70 °F)
±0.2% FSO (optional ±0.1% FSO)

MECHANICAL
<ul style="list-style-type: none"> Proof Pressure: 1.5X pressure range Burst Pressure: 2.5X pressure range API Flange: 2-1/16" thru 4-1/16" Flush or extended nose versions
PRESSURE RANGES
0 to 5K thru 0 to 25K PSI (345 thru 1,724 BAR)
THERMAL SPECIFICATION
<ul style="list-style-type: none"> Compensated: +32 °F to +392 °F (0 °C up to +200 °C) Operating: Electronics: +15 °F to +185 °F (-10 °C to +85 °C) HART: +15 °F to +160 °F (-10 °C to +70 °C) Process: +15 °F to +392 °F (-10 °C to +200 °C) Effect on Zero/Span: ±0.5% FSO per CTR
OPTIONAL VARIATIONS
<ul style="list-style-type: none"> Consult factory

**Standard configurations shown.
Please consult factory for other options.**

All specifications are for reference purposes only. In the interests of continuous product improvement, all specifications are subject to change without notice. Please contact GP:50 for assistance with your application.

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