

Ps-9 S E R I E S PS98i SUBMERSIBLE PRESSURE TRANSMITTER

Industry Standard 4-20 mA

Pressure Transmitter

Rugged and Accurate with great
Noise Immunity, Transient Protection,
and Thermal Performance!

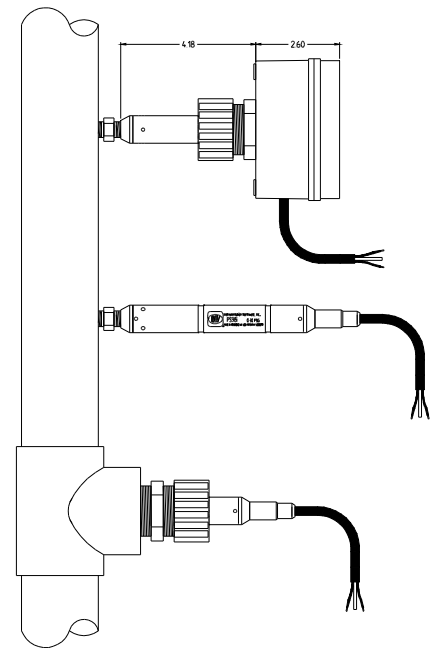
Great almost anywhere you need to measure
pressure or level – whether it be in a lake, in a tank,
or in a well.

FEATURES

- Pressure, temperature
- Optional temperature channel
- Industry standard, 2-wire, 4-20 mA configuration
- Absolute, gauge, or sealed gauge
- $\pm 0.1\%$ FSO typical accuracy
- Low power (9 - 24 VDC)
- Small diameter
- 316 SS, Viton, Teflon construction (titanium optional)
- Titanium and 0.75" diameter versions available
- Available with a variety of cable options - *polyethylene*, *polyurethane*, or *FEP Teflon*
- Reverse polarity protection
- Under- and over- current limitation
- Built-in transient protection
- 1/4" NPT end cone adapter option
- Optional lightning protection available
- Calibrated with patented calibration procedures and NIST traceable equipment

APPLICATIONS

- Pump and slug tests
- River, stream, reservoir gauging
- Stormwater runoff monitoring
- Wetland monitoring
- Well, tank, tidal levels
- Flow monitoring
- Water resource management
- Landfill leachate levels
- Control applications



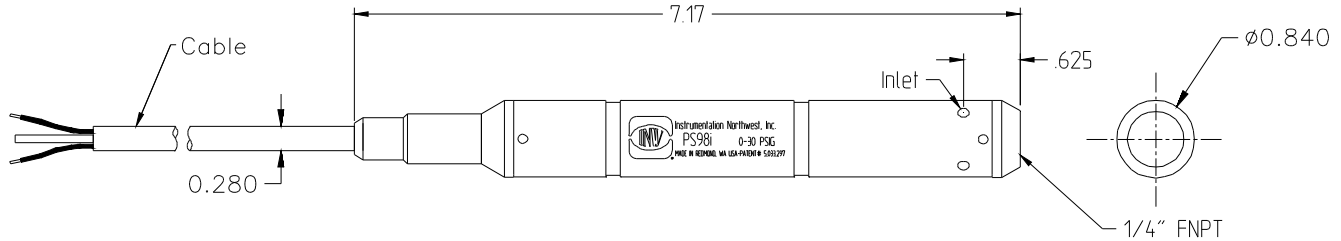
PS98i Installation Options



**Instrumentation
Northwest, Inc.**

1-800-776-9355
<http://www.inwusa.com>

PS-9 SERIES PS98i SUBMERSIBLE PRESSURE TRANSMITTER DIMENSIONS AND SPECIFICATIONS



HOW TO ORDER

- Choose the transmitter with the required pressure range.
- Determine cable type and specify length.
- Contact INW for a full list of accessories.

PS98i SUBMERSIBLE PRESSURE TRANSMITTER RANGES			
3C344	1 PSIG	3C264	50 PSIG
3C345	2.5 PSIG	3C265	50 PSIA
3C260	5 PSIG	3C266	100 PSIG
3C261	15 PSIG	3C267	100 PSIA
3C262	30 PSIG	3C268	300 PSIA
3C263	30 PSIA	3C269	300 PSIG

PS98i CABLE OPTIONS	
6E540	Vented PU INW Cable
6E543	Vented FEP INW Cable
6E542	Vented HDPE INW Cable

PS98i MISCELLANEOUS OPTIONS	
6E405	End Cone (replaces 1/4" FNPT adapter)

Information in this document is subject to change without notice.

MECHANICAL

TRANSMITTER

Body Material	316 stainless steel
Wire Seal Materials	Viton® and Teflon®
Desiccant	High- and standard-capacity packs available
Terminating Connector	Available
Weight	.75 lbs.

CABLE

OD	0.28" maximum
Break Strength	138 lbs.
Maximum Length	2000 feet
Weight	4 lbs. per 100 feet

ELECTRICAL

Pressure

Transmitter Voltage	9-24 VDC 100 ms warmup
Static Accuracy (B.F.S.L. 25° C)*	±0.25% FSO (maximum) ±0.1% FSO (typical) <i>0.1% available on request.</i>
Thermal Error (0-50° C, reference 25° C)	±2.0% FSO (maximum) ±0.8% FSO (typical)
Maximum Zero Offset at 25° C	±0.5% FSO
Sensitivity Accuracy at 25° C	±0.25% FSO (maximum) ±0.125% FSO (typical)
Over Range Protection	2x (except 300 PSIA)
Compensated Temperature Range	0 - 50° C
Operating Temperature Range	-5° C to 70° C

Instrumentation Northwest, Inc.



Sales and Service Locations

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