

JOWA Consilium

Submersible Pressure Transmitter / PT30 Series



- All welded stainless steel or titanium construction resists corrosion in demanding applications
- Accuracy: $\pm 0.25\%$ or $\pm 0.1\%$ FS
- Excellent stability
- PT-30 Series Titanium sensor approvals: FM, CSA Intrinsically safe, CE marked
- Rugged cable and reliable cable seal for years of dependable service
- 4-20mA output

JOWA Consilium's Model PT30 Series submersible pressure transmitter is designed for use in down-hole well monitoring and other submersible level gauging applications.

The fully welded stainless steel pressure module ensures excellent life in demanding applications. A fully welded titanium version is available for more hostile environments including salt water.

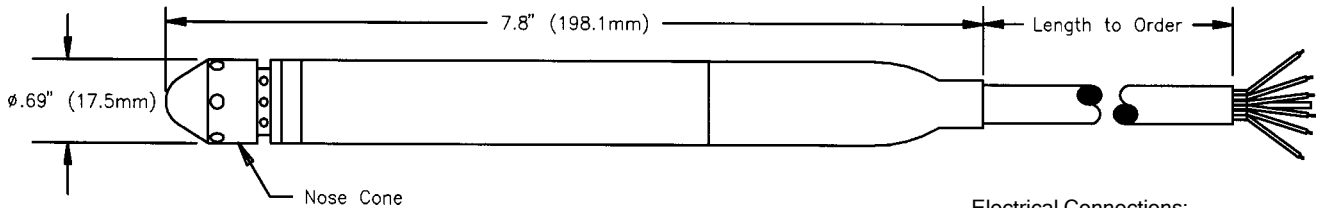
An advanced micromachined silicon piezoresistive pressure sensor provides excellent performance and resistance to shock and vibration. A tough, polyurethane cable is molded to the transducer body, providing a high integrity, waterproof assembly.

Submersible Pressure Transmitter / PT30 Series

Model Number	Material Construction Diaphragm / Housing	Accuracy	Temperature Error Band	Temp. Range	Size Dia./Length	Full Scale Overpressure
PT30S.1G	316 SS / 316 SS	±0.1% FS BSL	±2.0% FS	-5 to 150°F -20 to 65° C	.69" / 7.8"	2X
PT30T.1G	Titanium / Titanium	±0.1% FS BSL	±1.0% FS	-5 to 140°F -20 to 60° C	.69" / 7.8"	4X
PT30S.25G	316 SS / 316 SS	±0.25% FS BSL	±2.0% FS	-5 to 150°F -20 to 65° C	.69" / 7.8"	2X
PT30T.25G	Titanium / Titanium	±0.25% FS BSL	±1.5% FS	-5 to 140°F -20 to 60° C	.69" / 7.8"	4X

Range: Feet of water on all models: 5, 10, 20, 30, 60, 100, 150. Other ranges are available - consult factory.
 All models available in Absolute versions. Change "G" at end of model number to "A" to indicate Absolute.
 Add "NPT" after sensor model number for 1/4" NPT thread in place of nose cone.
 Tefzel cable available on all Titanium models.

Dimensions: Inches (mm)



Electrical Connections:
 Vented polyurethane cable
 Red: Positive
 Black: Negative
 Shield: Connect to case
 Any other conductors not connected

Disclaimer:

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