

# JOWA USA

## Submersible Pressure Transmitter / PT30 Series



- All welded titanium construction resists corrosion in demanding applications
- Accuracy:  $\pm 0.1\%$  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 USA'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 titanium pressure module ensures excellent life in demanding applications including salt water.

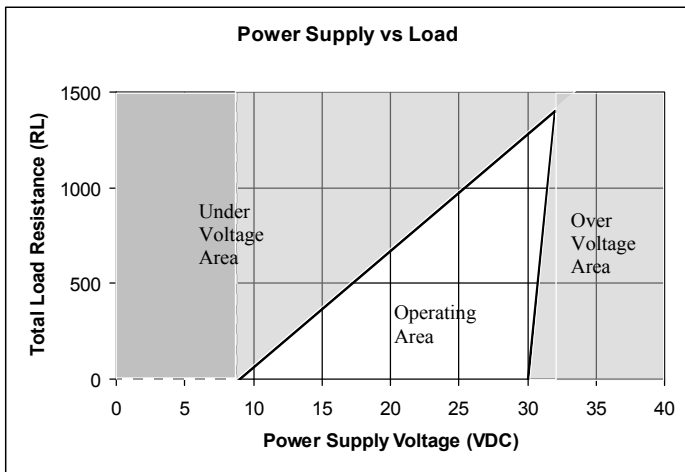
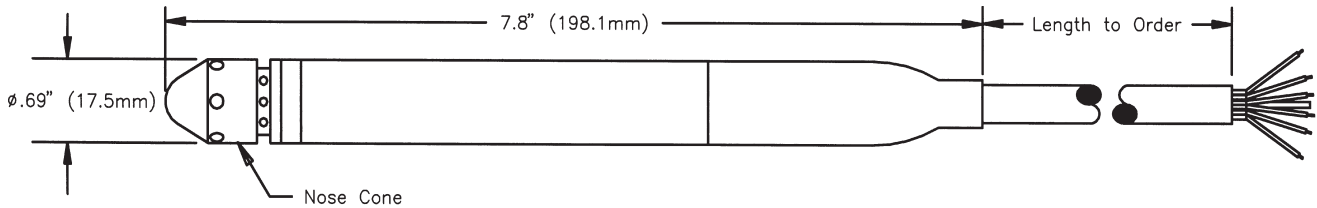
An advanced micromachined silicon piezo-resistive pressure sensor provides excellent performance and resistance to shock and vibration. A tough, polyurethane cable is molded to the transducer body, providing a high integrity, waterproof assembly.

# Submersible Pressure Transmitter / PT30 Series

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

Range: PSI on all models: 5, 10, 15, 20, 30, 50, 75, 100, 150, 200. 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.  
 Power Supply: 9 - 30 VDC

## Dimensions: Inches (mm)



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

**Disclaimer:**

This is not a specification and all information is provided in good faith. Since conditions of use are beyond the control of JOWA USA, Inc., the information contained herein is without warranty, whether expressed, implied or otherwise. Final determination as to the suitability, merchantability or fitness of any information, material or product for a particular purpose, or any patent infringement, is the sole responsibility of the user. JOWA USA, Inc. does not assume liability for injury arising from the use of the information, material or product, and assumes no liability for any damages, whether direct, indirect, consequential, special, incidental, punitive or otherwise. For additional information regarding JOWA USA, Inc.'s limited warranty, refer to the Terms and Conditions that are currently in effect.

