P431



Submersible Pressure Transmitter

Precision Grade--Shallow or Deep Well Level Instrument

Designed for low cost of ownership

Tel-Tru's P431 Submersible Pressure Transmitter is designed for low cost of ownership for level /depth measurement applications in shallow or deep wells. *Key features of the P431 are its long term stability, internal protection from lightning via dual gas discharge tubes, internal EMI/RFI filtering, double sealed cable exit and a maintenance free vent filter.*

Manufactured for extended life cycle

Every P431 is built using advanced manufacturing techniques to ensure the integrity of the waterproof seal. Double sealing techniques are used and 100 % of all P431 are submerged at our factory for at least 24 hours. Automated welding procedures and extreme environmental burn in, along with the internal protection against the harsh well conditions give customers the confidence of product reliability over time.

Low power / alternate materials available

From 0-5ft H_2O through 0-1500ft H_2O , the P431 is available in either a 4-20 mA or 0-5 Vdc output signal. For remote or battery powered systems, a low power option is available from a 5 Vdc, 1.5 mA supply. To futher enhance battery life, warm-up time is less than 3 mS. Other options include alternate materials of construction or Tefzel[©] cable.

Certification

Each P431 is delivered with a NIST traceable calibration record which details the input/output characteristics.

CE

Conforms to EN50081-2 and EN50082-2

Standard Features

Moisture Free/Maintenance Free Vent Filter EMI/RFI filtering with lightning protection Standard accuracy $\pm 0.25\%$ FSO Double sealed cable exit

Note: specifications are subject to change.



Tel-Tru Manufacturing Co. 408 St. Paul Street Rochester, New York 14605 USA Phone: 585-232-1440 • 800-232-5335 • Fax: 585-232-3857 • E-mail: info@teltru.com • Web: www.teltru.com

Internal Lightning Protection

Maintenance Free

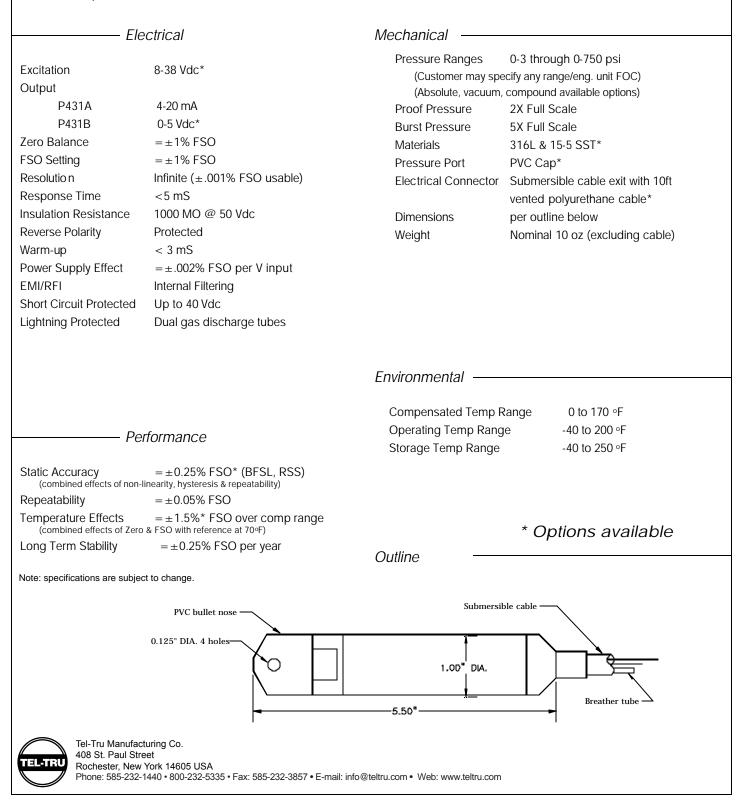


P431 Pressure Transmitter

High Stability Depth/Level Transmitter 0-5ft H₂O through 0-1,500ft H₂O



Product Specifications

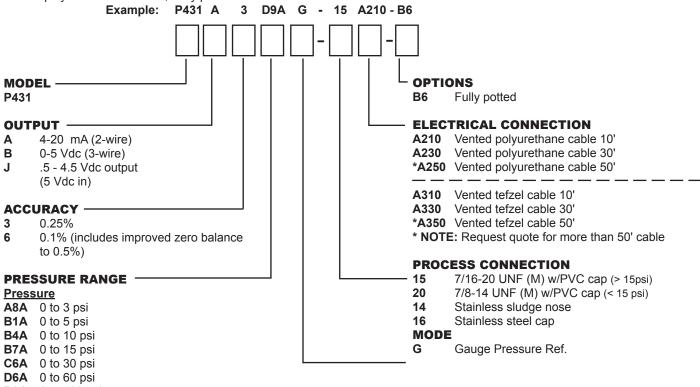


TEL-TRU PRESSURE TRANSMITTERS

Submersible Series Model P431

HOW TO ORDER EXAMPLE:

Precision Grade Submersible, 4-20 mA, 0.25% Accuracy, 0 to 100 psi, Gauge Pressure, 7/16-20 UNF (M) w/PVC cap, Vented polyurethane cable 10', Fully potted.



 D9A
 0 to 100 psi

 E3A
 0 to 150 psi

 E5A
 0 to 200 psi

 E7A
 0 to 250 psi

 E8A
 0 to 300 psi

 F3A
 0 to 500 psi

 F6A
 0 to 750 psi

 B4S
 0 to 10 ft. WC

 D4S
 0 to 500 ft. WC

 D9S
 0 to 100 ft. WC

 F3S
 0 to 500 ft. WC

 F4S
 0 to 750 ft. WC

 F4S
 0 to 1,000 ft. WC

 F4S
 0 to 1,000 ft. WC

PRICES INCLUDE:

· Certificate of calibration (directly traceable to NIST)

IMPORTANT NOTE:

Available Upon Request--Additional Options (consult factory):

- Process Connections
- Electrical Connections
- Pressure Ranges/Unit of Measure