SUBMERSIBLE PRESSURE TRANSMITTER



This advanced submersible pressure transmitter is engineered for the precise measurement of pressure and transmitter. It incorporates cutting-edge thick-film-on-ceramic technology, ensuring robust and reliable performance in demanding environments.

Key Features:

- **Media Compatibility:** The transmitter is designed to be suitable for a wide range of media, including thick and viscous substances. This versatility is further enhanced by the availability of different materials, allowing for optimum compatibility with various process fluids.
- **Configurable Measuring Ranges:** The measuring ranges are highly flexible and can be individually adapted to specific application requirements. This configuration is easily achieved via an interface tool.
- **Enhanced Lightning Protection (Optional):** For applications in areas prone to electrical surges, an optional enhanced lightning protection feature is available, providing increased durability and reliability.

Technical Specifications:

- **Measuring Range:** The standard measuring range spans from 0 to 60 bar.
- **Input Signal:** The device operates with a 12 Volt input signal.
- **Output Signal:** It provides a standard industrial output signal of 4…20 mA, facilitating integration into various control systems.
- **Accuracy:** At an ambient temperature of 25∘C, the typical accuracy is ±0.3% of the full scale (FS).
- **Operating Temperature:** The transmitter is designed to operate reliably across a broad temperature range, from −25∘C to +70∘C.
- **Protection Rating:** It boasts an IP68 protection rating, signifying its ability to withstand continuous immersion in water up to 6.0 bar or 60 meters.
- **Weight:** The approximate weight of the transmitter, excluding the cable, is 200 grams.

- **Approval/Conformity:** The transmitter holds DNV-GL EU RO Mutual Recognition approval, indicating its compliance with recognized industry standards for marine and offshore applications.

Applications: This submersible pressure transmitter is ideally suited for a variety of critical applications, including:

- **Shipbuilding:** For monitoring pressure in various systems on vessels.
- **Process Technology:** Integration into industrial processes for accurate pressure monitoring.
- **Water Treatment:** Essential for monitoring pressure in different water treatment processes, including wastewater, greywater, and drinking water facilities.
- **Seawater Applications:** Designed for reliable operation in challenging saltwater environments.

Ordering Information:

Part Number : TSQ-SUBPT-UPS-MIL-IND.

Description : SUBMERSIBLE PRESSURE TRANSMITTER.