水下温压变送器

技术指标

应用

Subsea Pressure & Temperature Transmitter (PTT)

Subsea Pressure & Temperature Transmitter (PTT) measures the temperature and pressure of various subsea facilities in real-time. It allows operators to understand the operational status of these facilities and adjust oil and gas production measures promptly, ultimately enhances production optimization and flow assurance. The product is based on high-precision piezoresistive monocrystalline silicon to measure pressure and uses real-time measured temperature for compensation to ensure high sensitivity and reliability.

Features

Applications

Specifications

Items	Specifications
Model	SPPTT-2000
Design Life	30 years
Water depth	3000 m
Design pressure	10000psi
Design temperature	-46~121°C
Pressure accuracy	±0.1% F.S.
Temperature accuracy	±1% F.S.(Calibrated ±0.5% F.S.)
Communication protocol	Modbus RTU RS485
Product specification level	PSL 3G
Material grade	HH
End connection	2 1/16" 10K API 6A
Third party certification	DNV