温压变送器

DNV）进行型式认证。

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产品特点

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

- Real-time and accurate measurement
- Certified by authoritative third party (DNV)
- In accordance with specifications API 6A, API 17D and API 17F etc
- Redundant measurements (Dual pressure and dual tempe-rature)
- Multiple seals to ensure high system reliability
- High sensitivity and high resolution
- Compact and light in weight

Applications

- Oil and Gas industry: Real-time monitoring of temperature and pressure in subsea acilities.
- Others like Subsea Observation Network and Deep-Diving Apparatus etc.

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

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