WEPS-100
Subsea Pressure and Temperature Sensor

Promoting Standardisation

Modular designed components | Efficient Construction | Increased Quality | Shorter Lead Times

Latest News: WEPS-100 series electronics now re-qualified in accordance with the API 17F Specification.

The WEPS-100 Series is divided into four (4) main designs where the main difference is the design of the probe.

- Pressure sensing element at tip of the probe.
- Oil filled system with retracted Pressure Sensing Element.
- Oil filled system with retracted Pressure Sensing Element and extended housing.
- Temperature transmitters with temperature probe.

WEPS-100 offers:

- High reliability and accuracy
- TRL-7 - Over 3500 Units sold to date with Full qualification completed on 3 units in line with API 6A/17D/17F and ISO 13628-6.
- Pressure ranges from 0 – 1035 bar (15K PSI)
- Temperature ranges from -40 to 180 degC
- Available as dual or single output, with identical housing dimensions
- Various protocols supported:
  - CANopen CiA-443 SiiS Lv2
  - Modbus
  - Analog 4-20 mA + SIL

Combined with DigiTRON+ connectors and jumper/harnesses, Siemens can offer full subsea system solutions.