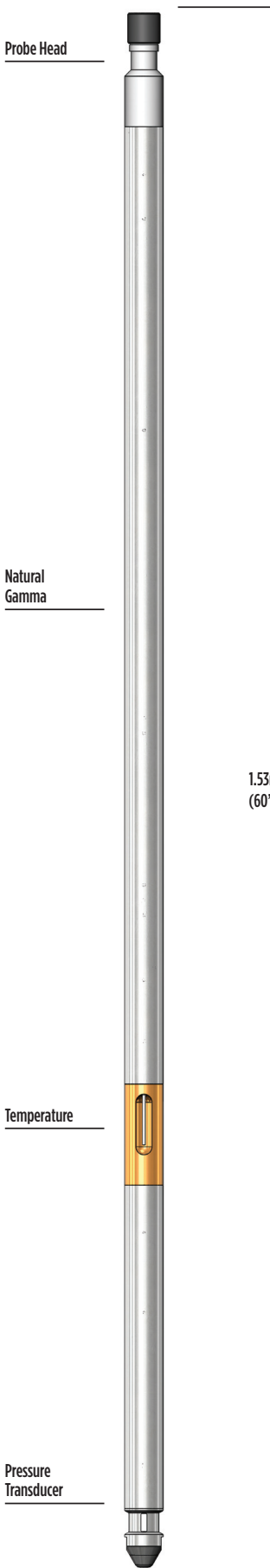


PROBES

TEMPERATURE/PRESSURE



This probe combination provides a continuous, depth-based measurement of fluid temperature and pressure.

Principle of Measurement:

The temperature and pressure sensors are located in the probe. Our advanced expertise and experience with quartz crystal technology enable us to provide high quality transducers with minimal drift at the high temperatures and pressures often found in oil and gas wells.

SPECIFICATION:

Features

- Stable, high-quality, semiconductor temperature sensor
- Quartz crystal technology provides high quality pressure measurement with minimal drift at the high temperatures and pressure

Measurements

- Fluid Temperature/differential temperature
- Borehole pressure

Applications

Water/Gas

- Borehole pressure
- Location of gas zones
- Identification of zones of in-flow/out-flow Temperature gradient
- Water-level determination
- Location of grout behind casing Temperature compensation of other logs

Operating Conditions

Borehole type: open/cased holes, water-filled

Specifications

- Diameter: 38mm
- Length: 1.53m
- Weight: 4kg
- Max. pressure: 20MPa
- Temp. range: 80°C (extended ranges available)
- Pressure range: 1-5,000 ps
- Pressure transducer accuracy: offers 0.01% FS accuracy over the laboratory temperature range of 0 to 40 °C and 0.02% FS accuracy over the field (outdoor) range from -40 °C to +85 °C.

Part Numbers

1018742 Temperature/Pressure probe

Scan the QR code to go directly to www.robertson-geo.com

1/1