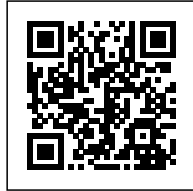


FAST RESPONSE TEMPERATURE - HD - 1 11/16 IN.



SKU: FRT001

Categories: [Cased Hole Wireline](#), [HD Platform™](#), [Production Logging](#), [Temperature](#)

PRODUCT DESCRIPTION

The Fast Response Temperature (FRT001) tool measures well bore temperature by means of a platinum resistance thermometer housed in a low mass Inconel tube. This tool provides an accurate, rapid response and high resolution temperature measurement that is an essential part of production logging & leak detection.

Ratings & Dimensions

| | |
|------------------------|---|
| Max temperature | 350°F (177°C) |
| Max pressure | 15,000 psi (103.4 mPa) |
| Outer diameter | 1.69 in (43.0 mm) |
| Length | 14.2 in (360.0 mm) |
| Weight | 7.0 lb (3.2 kg) |
| Materials | Corrosion resistant materials used throughout |

Measurements

| | |
|-----------------------|-----------------------------|
| Range | -40 to 350°F (-40 to 177°C) |
| Accuracy (+/-) | 0.9°F (0.5°C) |
| Response time | ~ 0.5 seconds |
| Resolution | 0.006°F (0.003°C) |
| Linearity | 0.5°F (0.15°C) |

Hardware Characteristics

| | | |
|-------------------------|---|-----------------|
| Combinability | All HD tools (RADii, iQ, PL, RAS, etc.) | |
| Acquisition mode | Real-time with TCU | Memory with MLT |

Electrical Specifications

Current

7 mA @ 50V

16 mA @ 19V

Version Control: 2021.12.09

On-line specifications are for REFERENCE ONLY and subject to change without notice. DO NOT USE FOR FIELD OPERATIONS.