

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
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Version Control: 2021.12.09

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