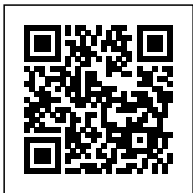
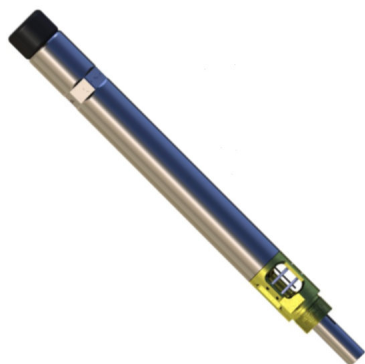


FLOWMETER AND TEMPERATURE ELECTRONICS - HD - 1
3/8 IN.



SKU: FLTE101
Categories: [Cased Hole Wireline](#), [Fluid Velocity](#), [HD Platform™](#), [Production Logging](#)

PRODUCT DESCRIPTION

The Flowmeter and Temperature Electronics (FLTE101) is used in with both the Full Bore Spinner (FBSM101) and the Fixed Cage Spinner Mechanical (FCSM101-103) range of products. A dedicated hall effect array provides ten pulses per revolution flowmeter output and a fast response PRT measures well bore temperature.

Ratings & Dimensions

Max temperature	350°F (177°C)
Max pressure	10,000 psi (68.9 mPa)
Outer diameter	1.38 in (35.0 mm)
Length	14.6 in (371.0 mm)
Weight	4.8 lb (2.2 kg)
Materials	Corrosion resistant materials used throughout

Flowmeter Measurements

Output	10 pulses per revolution
Maximum RPS	200
Velocity Max	4,000 ft (1,219.2 m) /minute with 4.0 in (10.16 cm) pitch spinner

Temperature Measurements

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



Hardware Characteristics

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

Electrical Specifications

Voltage	50V DC	19V DC
Current	7 mA	16 mA

Applications

- Production logging flow & injection profiling
- Conventional temperature logging
- Leak detection, gas inflow points, top of cement
- Basic “Fracture Height” determination
- Flow behind pipe

Version Control: 2021.11.17

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