

CCL-20

2-3/4" Casing Collar Locator



Description

This logging CCL tool is a magnetic device that detects the changes in metal mass of a casing collar as it moves through well casing. The detector is a coil mounted between two opposing magnets. As the tool passes a collar; the magnet flux around the two magnets disturbed and induces a low frequency voltage. The voltage difference in the coil is amplified onto the wireline.

Applications

- Depth correlation.
- Determine casing collar location
- Location of tubing and casing damage.

Features

- Rated for High-temperature and high-pressure environments.
- Reverse voltage protection.
- Compatible with most surface systems.
- Runs on all standard wirelines.
- Can be run alone, or combined with most analog tools.
- Electronic design verified for 1 hour operation at 415°F to ensure reliability.
- Sour service compatible materials.
- Easy to service and maintain.

Specifications

Tool Operating Voltage	+90 to +150 VDC	Tool Length (make-up)	34.92 cm (13.75 in)
Tool Operating Current	12 to 15 mA	Tool Length (shipping)	39.37 cm (15.5 in)
Current Swing	± 10 mA	Tool Weight	9.4 Kg (20.5 Lb)
Max. Pressure	172.4 Mpa (25,000 PSI)	Measurement Point from Top of Tool	17.46 cm (6.875 in)
Max. Temperature	204°C (400°F)	Borehole Fluids	Oil - Fresh Water - Brine
Housing material	BeCu	Top End Connector	Contact Socket Go Female
Tool Diameter - OD	69.85 mm(2-3/4 in)	Bottom End Connector	Contact Pin Go Male



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