

# 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.
- Proudly designed and manufactured in Canada

### Specifications

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



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