

## Casing Collar Locator (CCL)

The Sondex Casing Collar Locator (CCL) responds to changes in metal volume, such as pipe collars and perforations.

### Description

As the tool passes a collar, or change in metal volume, lines of magnetic flux between two opposing permanent magnets are disturbed. This causes a low frequency voltage or Electro Magnetic Field (EMF) to be induced in a coil, mounted between the permanent magnets. Finally the signal is converted by a voltage-controlled oscillator for recording in the Ultrawire™ section of the tool.

### Features

- Combinable with other Ultrawire™ production logging tools.
- Depth control in casing or tubing.
- Location of casing or tubing damage.
- Confirmation of perforation depths or intervals.

### Specification

Temperature rating	350°F (177°C)
Pressure rating	15,000psi (103.4MPa)
Tool diameter	1 <sup>11</sup> / <sub>16</sub> in (43mm)
Tool length	18.5in (470mm)
Tool weight	12.1lbs (5.5kg)
Toolbus	Ultrawire™
Current consumption	16mA
Sensor measure point	6.5in (165.1mm)
Materials	Corrosion resistant throughout

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