

# Casing Collar Locator (CCL)

Responds to changes in metal volume, such as pipe collars and perforations

## Application

- Depth control in casing or tubing
- Location of casing or tubing damage
- Confirmation of perforation depths or intervals

## Features

- Combinable with other Sondex **Ultrawire™ production logging tools**

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

As the tool passes a collar, or changes 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 Sondex **Ultrawire™ production logging** section of the tool.

## Specifications

	CCL201
Temperature rating	350°F (177°C)
Pressure rating	15,000 psi (103.4 MPa)
Tool diameter	1 <sup>11</sup> / <sub>16</sub> in. (43 mm)
Tool length	19.1 in. (485 mm)
Tool weight	9.4 lb (4.1 kg)
Toolbus	Ultrawire production logging tool
Current consumption	14mA to 20mA
Sensor measure point	6.87 in. (174.45 mm)
Materials	Corrosion resistant throughout

