



## Fuel Sensing Cable



# DATA SHEET

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## Fuel sensing cable

Webb fuel sensing cable has been designed to detect the presence of liquid hydrocarbon fuel leaks at any point across the length of the cable. Integrated with an alarm and locating module, the cable senses the leak triggers an alarm, and pinpoints the location of the leak.

The core of the cable is constructed of two sensing wires, an alarm signal wire, and a continuity wire. The core is encased in a conductive-polymer jacket and reinforced with a fluoropolymer braid. This rigid construction allows the cable to perform reliably in the most demanding environments.

### Specifications

- Cable diameter: 8mm
- Connector diameter: 13mm
- Standard one end connector male and other end connector female
- Cable weight: 7.3kg/100mtrs
- Fluoropolymer braided sheath; Color: black, white, and red
- Operating temperature:  $-20^{\circ}\text{C} \sim 60^{\circ}\text{C}$
- Pull force limit: maximum 22.7kgs
- Bend radius: minimum 50mm
- Pressure limit: If the load is  $>9\text{kg}$  per linear inch at  $20^{\circ}\text{C}$ , it will immediately trigger an alarm
- Cable functions normally in accordance with ASTM D 543 standards at  $23^{\circ}\text{C}$  for seven days after exposure to maximum 10% of sulfuric acid, hydrochloric acid, nitric acid, sodium hydroxide
- Water Resistance:
  - Sensing cable: less than  $10 \mu\text{A}$  leakage when immersed in salt water for 90 days
  - Connector system: less than  $10 \mu\text{A}$  leakage when immersed in water at 10 psig for 24 hours

*\*Specifications are subject to change without notice based on technical recommendations and related product enhancements*



**Connectors**



**Fluoropolymer braided sheath**

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## FUEL SENSING CABLES PART NUMBER KEY

Part Number: C.06.HCLDC.\_ \_

C.06.HCLDC.Length

Please add the codes from the tables below in the above format to derive at your desired product part number

Length	Code
5m	05
10m	10
20m	20
50m	50
Custom	Specify

*\*Specify lengths in meters for custom requirements*

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