

Merlin FLMC

2 Core Pre-defined Length Fuel Leak Cable



Key Features

- Hydrocarbon liquid leak monitoring
- Quick-connect fittings, plug-and-play installation for convenience
- Eco-friendly materials, precise leak detection
- Spiral braided structure reduces interference and lowers false alarms
- Used with the Merlin FLM fuel leak monitor.

Product Overview

The FLMC fuel leak sensing cable can detect hydrocarbon fuel leaks at any point along the cable without reacting to water. This cable should be installed in conjunction with the Merlin FLM fuel leak monitor. Upon detecting a liquid, it immediately triggers an alarm.

The core of the cable consists of two sensor wires, one alarm signal wire, and one continuity check wire. The core is encased in a conductive polymer sheath, with an outer layer of fluoropolymer braid. The robust construction ensures the cable's stability and reliability under harsh environmental conditions.

Note: This product must be replaced after contact with hydrocarbon liquids and cannot be restored.

Sizes Available

Part Number	Length (M)	Description
FLMC1	1	1M Sensing Cable
FLMC5	5	5M Sensing Cable
FLMC10	10	10M Sensing Cable
FLMC15	15	15M Sensing Cable
FLMC20	20	20M Sensing Cable
FLMCxx	xx	Custom Pre-Defined Length

Technical Specifications

Cable Material:	Fluoropolymer + Alloy Wire
Core Resistance	13~/meter
Cable Color	Purple
Cable Diameter	7mm
Break Strength	19KG
Cable Weight	73g/Meter
Maximum Exposure Temperature	60°C

Fuel Detection & Response Times

Gasoline	12 Minutes
#1 Diesel Fuel	60 Minutes
#2 Diesel Fuel	120 Minutes
JP5 Jet Propellant	70 Minutes
Jet-A Jet Propellant	50 Minutes
Xylene	20 Minutes