Product Overview

The AX-WLDF-C range of cable sensors are typically used to detect water leaks usually under floors, and are used in conjunction with the AX-WLDF range of detection modules. The cable excitation used from the AX-WLDF is an isolated AC signal which ensures the detectors will not be subject to oxidation or erosion over time, avoiding the degradation problems associated with DC systems. This cable sensor must only be used with the AX-WLDF range of modules, in order to detect open and short circuit conditions.

Features

- Easy to Lay
- Detects Closed and Open Circuits
- Detects water along length of sensor
- Will not oxidise or erode as with DC Systems

Product Specifications

Material:	PVC Twisted pair with stainless 316 elements
Response Time:	Typically <1 sec after exposure
Dimension:	3.5mm diameter
Maximum Cable Run:	200m (including header cable)
Country of Origin:	United Kingdom

Installation

1. Fit cable sensors to the floor, using suitable fixings. Check the header cable for short circuit. If the cable is short circuit, the stainless steel detector wires are touching. Find where they are touching and carefully un-twist.

2. Connect the 2-core leader cables to the AX-WLDF alarm module (polarity independent).

3. Power the AX-WLDF, and adjust the relevant potentiometers on the module clockwise until the relevant red LED illuminates, and then anti-clockwise until the LED extinguishes.

4. Test the cables by placing a damp cloth over each of the cables to simulate a water leak, the relevant red LED will illuminate. Remove the cloth, short across the mute input, and if the cable is dry the red LED will extinguish.

Order Codes

AX-WLDF-C02	Water Cable Sensor Premium for AX-WLDF, 2m cable & 1m header cable
AX-WLDF-C05	Water Cable Sensor Premium for AX-WLDF, 5m cable & 3m header cable
AX-WLDF-C10	Water Cable Sensor Premium for AX-WLDF, 10m cable & 3m header cable
AX-WLDF-C15	Water Cable Sensor Premium for AX-WLDF, 15m cable & 3m header cable
AX-WLDF-C20	Water Cable Sensor Premium for AX-WLDF, 20m cable & 3m header cable
AX-WLDF-Cxx	Customer spec Water Cable Sensor Premium for AX-WLDF, Specify cable & header cable length

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