



Product Overview

The AX-WCS range of cable sensors are used to detect water leaks, usually at floor level. These sensors must be used in conjunction with the AX-WLD2 range of detection modules.

The excitation signal generated by the AX-WLD2 for the sensor connections ensures that the sensors do not degrade when exposed to damp for long periods.

Features

- Easy to Lay
- Header cable can be cut down if necessary
- Detects water along entire length (excluding header)
- Compatible with AX-WLD2 modules

Product Specifications

Material:	PVC Twisted pair with stainless 316 elements
Cable Excitation:	Isolated AC signal to ensure the detector cable is not subject to oxidation and erosion.
Response Time:	<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 header cables to the AX-WLD2 alarm module and terminate at the relevant sensor input (polarity independent).
3. Power the AX-WLD2, and adjust the relevant potentiometers on the module anti-clockwise until the relevant LED illuminates and then clockwise until the LED extinguishes (when a short cable is used the LED may not even come on when set to max sensitivity).
4. Test the cables by submerging a portion in water or by placing a damp cloth around the circumference of a portion of the cables to simulate a water leak. The AX-WLD2 relay will indicate an alarm. Remove the cloth and the relay will turn off once the cable is dry again.

Order Codes

AX-WCS-02	Water Cable Sensor for WLD2, 2m cable & 1m header cable
AX-WCS-05	Water Cable Sensor for WLD2, 5m cable & 3m header cable
AX-WCS-10	Water Cable Sensor for WLD2, 10m cable & 3m header cable
AX-WCS-15	Water Cable Sensor for WLD2, 15m cable & 3m header cable
AX-WCS-20	Water Cable Sensor for WLD2, 20m cable & 3m header cable
AX-WCS-xx	Customer spec Water Cable Sensor for WLD2, Specify cable & header cable length

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