

- ▶ Compatible with Both Locating and Non-locating Systems
- ▶ Detects Water & Base Liquids
- ▶ Made in Low Smoke Zero Halogen Material
- ▶ Pre-connected in Standard Lengths

## Description

The TTK sense cable FG-ECS-LSZH detects the presence of conductive liquids at any point along its length. The FG-ECS-LSZH sense cable can be connected to both TTK's locating alarm units and non-locating unit to respond immediately in the event of any leaks of liquids. Each FG-ECS-LSZH sense cable is made with special **Low Smoke Zero Halogen material**, it emits limited smoke and no halogen when exposed to high sources of heat.

## Features & Benefits

### A RELIABLE SENSE CABLE

The FG-ECS-LSZH sense cable performs the following functions:

- Rapidly detects the leak of any liquid along the length of the cable.
- Detects and locates leaks to the nearest metre when connected to the locating units( via addressable box FG-DTCS): FG-NET, FG-SYS, FG-BBOX, FG-ALS8 or FG-ALS4.
- Detects leaks only when connected to the non-locating unit FG-A.
- Detects any break or cut to the cable.

Its non-absorbant design can be reset in seconds after removal of the leak.

### A MODULAR SYSTEM

The FG-ECS-LSZH cable ensures permanent protection in areas at risk. It is available in standard and pre-finished lengths of 3, 7 or 15 metres.

The sense cable is installed to provide the best possible protection in order to cover risks and limit the financial consequences of an undetected leak.

### EASY INSTALLATION

A spliced junction with a length of 3.5 metres of TTK BUS 8723 jumper cable and an end termination at each length of FG-ECS-LSZH sense cable give quick connection to the unit or to the sector diversion box.

Fixing clips are used to fasten the sensing cables in the chosen areas. A set of neutral jumper cables and pre-finished connection accessories gives continuity to each circuit with the sector diversion box FG-DTCS.

### A TOUGH AND STURDY DESIGN

Small in diameter, the FG-ECS-LSZH sense cable is light, flexible and of an easily identifiable colour. Its helical jacket construction, compression connected on an extruded central core, reduces the risk of contamination and false alarms.

## Technical Data

<b>Compatibility</b>	Locating units (via Diversion Box: FG-DTCS): FG-SYS, FG-NET, FG-BBOX, FG-ALS8, FG-ALS4 Non-locating unit: FG-A
<b>Maximum Rated Temperature</b>	85°C
<b>Weight</b>	25g per metre
<b>Sense Cable Diameter</b>	7.5 mm with PEHD jacket
<b>FG-ECS-LSZH Colour</b>	Dark blue

# Product Diagram

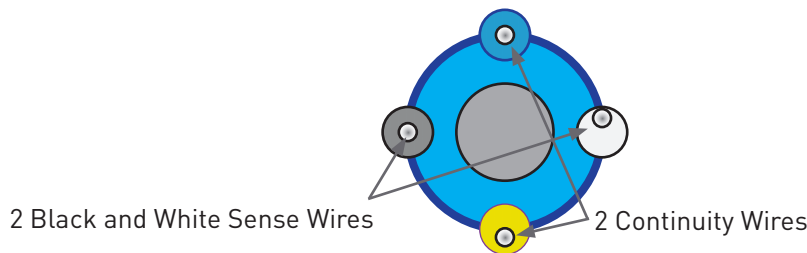


FG-ECS-LSZH Sense Cable Belden Tip



FG-ECS-LSZH Sense Cable End Termination Tip

2 Communication Wires and  
2 Wires for Locating



## Identification Codes

<b>FG-ECS15-LSZH</b>	Sector water and base sense cable in 15m length, LSZH
<b>FG-ECS7-LSZH</b>	Sector water and base sense cable in 7m length, LSZH
<b>FG-ECS3-LSZH</b>	Sector water and base sense cable in 3m length, LSZH
<b>FG-ECS-LSZH Random (400m)</b>	Sector water and base sense cable in roll of 400m, LSZH
<b>Accessories:</b>	
<b>FG-DTCS</b>	Addressable box
<b>CF-EC100</b>	100 hold-down clips with cold adhesive glue
<b>ES-EC</b>	40 signal tags

## Certificate



FG-ECS-LSZH meets the Low Smoke Zero Halogen requirement, test performed by LCIE. Test report N° 92634-584827Cr2009/07/20.  
 FG-ECS-LSZH meets the requirements of all European Standards  
 - EN50081-1 (92) for the EMC emissions  
 - EN50082-1 (92) for the EMC immunity

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