



- ▶ Compatible with Locating Systems
- ▶ Detects Water & Base Liquids
- ▶ Pre-connected in Standard Lengths

Description

The TTK sense cable FG-ECS detects the presence of conductive liquids at any point along its length. The FG-ECS sense cable connects to TTK's analog alarms (FG-ALS4, FG-ALS & FG-A) or digital units (FG-NET & FG-SYS), to respond immediately in the event of any leaks of liquids.

Features & Benefits

A RELIABLE SENSE CABLE

The FG-ECS sense cable performs the following functions:

- Rapidly detects the leak of any liquid along the length of the cable.
- Detects leaks the nearest metre when connected to the locating units: FG-NET, FG-SYS, FG-ALS4 or FG-ALS.
- Detects any break or cut to the cable.
- Non-absorbant design can be reset in seconds after removal of the leak.

A MODULAR SYSTEM

The FG-ECS cable ensures permanent protection in areas at risk. FG-ECS 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 Belden jumper cable and an end termination at each length of FG-ECS 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 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. It is made from the highest quality materials which are abrasive resistant in hostile environments.

Technical Data

Compatibility	Locating units: FG-SYS, FG-NET, FG-BBOX (via Diversion Box: FG-DTCS), FG-ALS4, FG-ALS Non-locating unit: FG-A
Maximum Rated Temperature	85°C
Weight	25g per metre
Sense Cable Diameter	7.5 mm with PEHD jacket
Core Material	Flame-retardant low-smoke HDPE-based polymer
Liquid Quantity to Active Alarm	50-100mm on the sense cable
Drying Time	10 seconds after drying the sense cable
FG-ECS Colour	Dark blue

Product Diagram

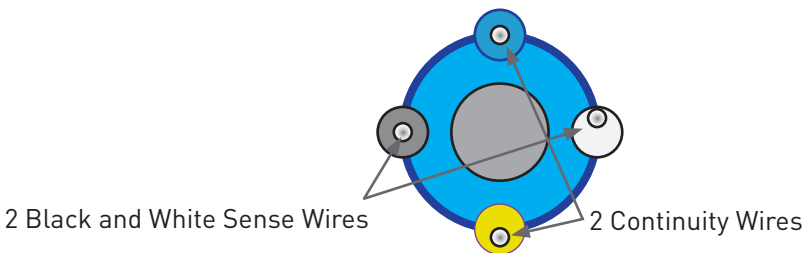


FG-ECS Sense Cable Belden Tip



FG-ECS Sense Cable End Termination Tip

2 Communication Wires and
2 Wires for Locating



Identification Codes

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

Certificate



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