

- ▶ Specially Designed For Pipes Solutions
- ▶ Equipped with External Braid
- ▶ Water and Base Liquids Detection
- ▶ Compatible with Both Locating and Non-locating Systems

Description

The TTK sense cable FG-ECSB detects the presence of conductive liquids at any point along its length. It can be connected to both TTK's locating and non-locating alarm units to provide an immediate response in the event of a leak.

The FG-ECSB sense cable is fitted with an external polyethylene-based braided jacket and is specifically designed for pipe applications. (It can be secured in place using a cable tie, if required.)

Key Advantages

The FG-ECSB sense cable performs the following functions:

- Rapidly detects the presence of any liquid along the length of the cable.
- Detects and locates leaks to the nearest metre when connected to a locating unit.
- Detects leaks (without pinpointing) when connected to a non-locating unit.
- Detects any break or cut in the cable.

The FG-ECSB sense cable features a non-absorbent design, allowing it to be reused after exposure to leaks.

An external polyethylene-based braided jacket retains water around the cable, ensuring efficient detection.

A MODULAR SYSTEM

The FG-ECSB cable provides continuous protection in high-risk areas. It is available in standard and pre-finished lengths of 3, 7 or 15 metres.

EASY INSTALLATION

A spliced junction with 3.5 m of TTK BUS 8723 jumper cable and an end termination at each FG-ECSB segment enables quick connection to the unit or sector diversion box.

The FG-ECSB cable is designed to be installed beneath suspended pipes and should be secured to the underside of the pipes. No drip tray is required.

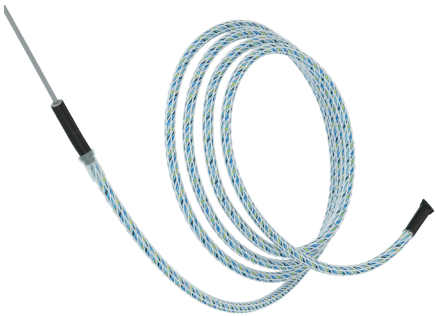
A set of neutral jumper cables and pre-finished connection accessories provides continuity for each circuit.

Technical Data

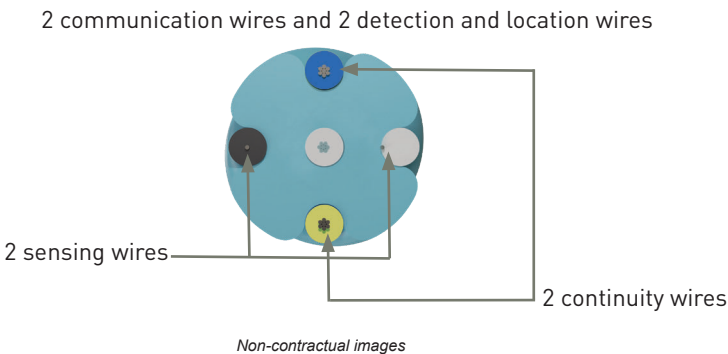
Compatibility	Locating units (via diversion box: FG-DTCS, DCTL): FG-SYS, FG-NET, FG-BBOX, FG-ALS8, FG-ALS4 Non-locating unit: FG-A
Reusability	Reusable, as long as the cable hasn't been damaged by prolonged immersion in liquid
Drying Time for Cable After Leak	30 seconds
Sense Cable Nominal Diameter	7 mm (± 0.5mm) without braid, 10 mm (±0.5mm) with braid
Central Core Material	LSZH based on PE
Minimum Bend Radius	20 mm
Braid Colour	White
Operating Temperature	-40° to 85°C
Connector Ingress Protection	IP 67

Product Diagram

FG-ECSB Sense Cable



FG-ECSB Sense Cable Cutting View (Without Braid)



Identification Codes

FG-ECSB3	Braided Water Sense Cable in Length 3 m sealed to 3.5m of neutral cable
FG-ECSB7	Braided Water Sense Cable in Length 7 m sealed to 3.5m of neutral cable
FG-ECSB15	Braided Water Sense Cable in Length 15 m sealed to 3.5m of neutral cable
Accessories:	
CF-EC100	100 Hold-down Clips with Adhesive for Water & Acids Cables
ES-EC	40 Tags for Water & Acids Cables

Certification



All TTK sense cables are designed as a part of the leak detection system thus included in the approval certification for TTK monitoring panels. FG-NET and FG-SYS systems meet the requirements of all European Standards in EN 50081 and EN 50082 EMC. FG-NET and FG-SYS systems are UL Listed.

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