



- ▶ Detects Water & Base Liquids
- ▶ Made in Low Smoke Zero Halogen Materials
- ▶ Pre-connected in Standard Lengths

## Description

The TTK Sense Cable FG-ECX detects the presence of conductive liquids at any point along its length. The FG-ECX sense cable can be connected to two kinds of TTK's alarm units: locating alarm unit and non-locating alarm unit. It detects and locates leaks to the nearest metre when connected to a locating alarm unit.

The sense cable FG-ECX is available in standard, pre-finished lengths of 9, 22 and 49 ft (3, 7 and 15 m) complete with connectors.

Each FG-ECX sense cable is made with special **Low Smoke Zero Halogen materials**, it emits limited smoke and no halogen when exposed to high sources of heat.

## Key Advantages

### A RELIABLE SENSE CABLE

The FG-ECX 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 a locating unit.
- Detects leaks only when connected to a non-locating unit.
- Detects any break or cut to the cable.

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

Manufactured with the low smoke zero halogen (LSZH or LS0H) materials, FG-ECX cable emits, when burned, a less optically dense smoke that releases at a lower rate than a non-LSZH cable.

### A MODULAR SYSTEM

The FG-ECX sense cable ensures permanent protection in areas at risk. FG-ECX is installed to provide the best possible protection in order to cover risks and limit the financial consequences of an undetected leak.

### EASY INSTALLATION

The male and female connectors at the end of each length of FG-ECX cable give quick and dependable connection. Fixing clips are used to fasten the sensing cables in the chosen areas.

### A TOUGH AND STURDY DESIGN

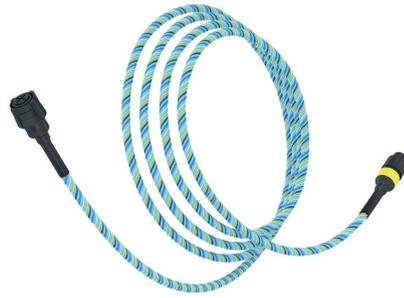
Small in diameter, the FG-ECX sense cable is light, flexible and of an easily identifiable dark blue colour and yellow colour on male connector tip. Its helical jacket construction, compression connected on an extruded central core, reduces the risk of contamination and false alarms. It is made from the highest quality materials which are abrasive resistant in hostile environments.

## Technical Data

<b>Compatibility</b>	Alarm units: FG-ALS8, FG-ALS4, FG-A
<b>Reusability</b>	Reusable, as long as the cable hasn't been damaged by prolonged immersion in liquid
<b>Drying Time for Cable After Leak</b>	Less than 10 seconds
<b>Sense Cable Nominal Diameter</b>	0.3 ± 0.02 in (7.5 ± 0.5 mm)
<b>Central Core Material</b>	LSZH based on PE
<b>Minimum Bend Radius</b>	0.79 in (20 mm)
<b>Color</b>	Light blue
<b>Operating Temperature</b>	-40° to 185°F (-40° to 85°C)
<b>Connector Ingress Protection</b>	IP 67

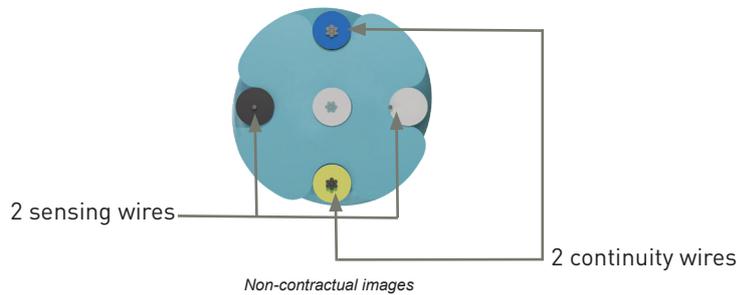
# Product Diagram

## FG-ECX Sense Cable



## FG-ECX Sense Cable Cutting View

2 communication wires and 2 detection and location wires



# Identification Codes

<b>FG-ECX3</b>	Analog Water Sense Cable in 9 ft (3 m) Length with Connectors, LSZH
<b>FG-ECX7</b>	Analog Water Sense Cable in 22 ft (7 m) Length with Connectors, LSZH
<b>FG-ECX15</b>	Analog Water Sense Cable in 49 ft (15 m) Length with Connectors, LSZH
<b>Accessories:</b>	
<b>FG-CLC</b>	Leader Cable in 11.48 ft (3.5 m) Length
<b>FG-TMX</b>	Analog End Plug
<b>FG-NC'N'</b>	TTK Bus 8723 Neutral Cable 'N' (3, 33, 50 ft) (1, 10, 15 m) with Connectors
<b>CF-EC100</b>	100 Hold-down Clips with Adhesive for Water & Acids Cables
<b>ES-EC</b>	40 Tags for Water & Acids Cables

# Certification



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