

- ▶ Compatible with Locating Systems
- ▶ Detects Water, Acid and Corrosive Chemical Liquids
- ▶ Pre-connected in Standard Lengths

Description

The TTK sense cable FG-ACX detects the presence of water, acid and corrosive chemical liquids at any point along its length. The FG-ACX sense cable connects to TTK's analog alarms (FG-ALS8, FG-ALS4 & FG-A), to respond immediately in the event of any leaks of liquids. The TTK Sense Cable FG-ACX is available in standard, pre-finished lengths of 3, 7 or 15 metres complete with connectors.

Features & Benefits

A RELIABLE SENSE CABLE

The FG-ACX sense cable performs the following functions:

- Rapidly detects the leak of acid or corrosive chemical liquid along the length of the cable.
- Detects leaks the nearest metre when connected to the Locating Alarm Units: FG-ALS8 and FG-ALS4.
- 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-ACX cable ensures permanent protection in areas at risk. FG-ACX is available in standard and pre-finished lengths of 15, 7 or 3 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

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

A TOUGH AND STURDY DESIGN

Small in diameter, the FG-ACX sense cable is light, flexible and of an easily identifiable green and white 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.

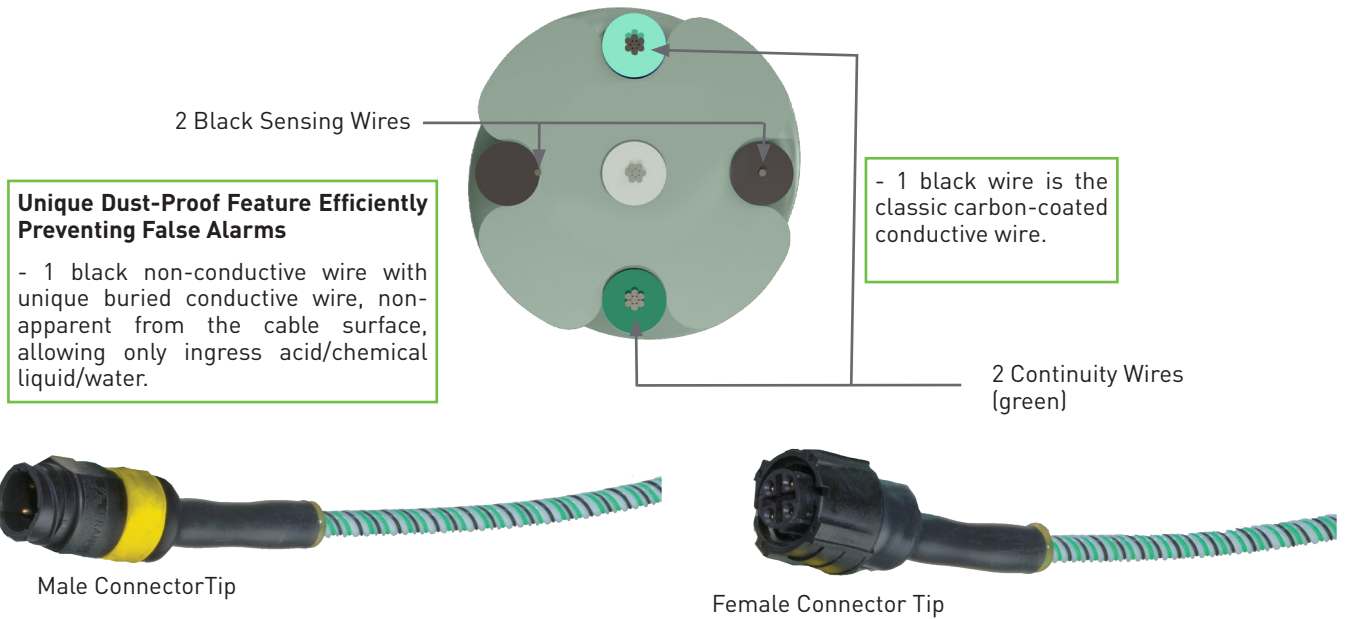
Technical Data

Compatibility	Alarm units: FG-ALS8, FG-ALS4; FG-A
Maximum Rated Temperature	85°C
Weight	25g per metre (without connector)
Sense Cable Diameter & Material	7.5 mm, PVDF jacket
Four Sensor Wires Diameter & Material	1.2 mm, PE-based polymer
Core Material	PE-based polymer
Liquid Quantity to Active Alarm	50-100mm on the sense cable
FG-ACX Colour	Green and white

Product Diagram

FG-ACX sense cable in section with its four sensing wires

2 Communication Wires and 2 Wires for Locating and Detection



Technical Information

In an aqueous environment, the resistance of the following products is as follows:

- A = The cable completely resists in the presence of the liquid considered.
- B = The cable resists, but undergoes a slow corrosion.
- C = The cable corrodes rapidly in the presence of the liquid considered.

In all cases where a leak is detected, it is advisable to identify the source of the leak and to repair the leak quickly. In most cases the contaminated FG-ACX cable can be washed and re-used.

This list is not exhaustive, for other chemicals, specific concentrations or temperatures please consult with your TTK representative.

Acetic acid	A	Hydrofluoric acid	A	Sea water	A
Ammonium hydroxide	B	Liquid Chlorine	A	Silver nitrate	A
Carbonic acid	A	Nitric acid	A	Sodium hydroxide	B
Caustic soda	A	Peracetic acid	B	Sodium hypochlorite	A
Formic acid	A	Phosphoric acid (95%)	A	Sodium sulfate	A
Glucose	A	Potassium hydroxide	B	Sulfuric acid	A
Hydrochloric acid	B	Salicylic acid	A		

Identification Codes

FG-ACX15	Analog acid sense cable in 15m length with connectors
FG-ACX7	Analog acid sense cable in 7m length with connectors
FG-ACX3	Analog acid sense cable in 3m length with connectors
Accessories	
FG-CLC	Leader cable in 3.5 metres length
FG-TMX	End termination plug (for ECX, ACX sense cables)
CF-EC100	100 hold-down clips with cold adhesive glue
ES-EC	40 signal tags

Certificate



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