

- ▶ 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

<b>Compatibility</b>	Alarm units: FG-ALS8, FG-ALS4; FG-A
<b>Maximum Rated Temperature</b>	115°C
<b>Weight</b>	25g per metre (without connector)
<b>Sense Cable Diameter</b>	7.5 mm with PVDF jacket (without connector)
<b>Liquid Quantity to Active Alarm</b>	50-100mm on the sense cable
<b>FG-ACX Colour</b>	Green and white

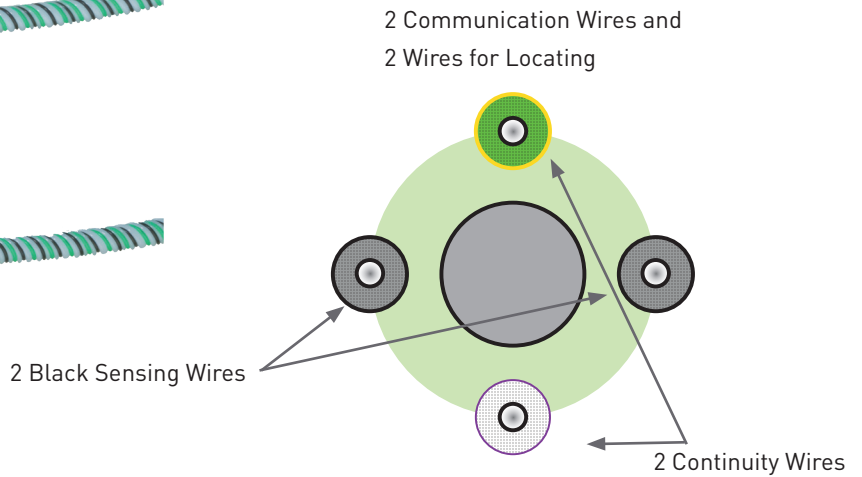
# Product Diagram



Male Connector Tip



Female Connector Tip



## Technical Information

A= The cable resists in the presence of the liquid considered.  
 B= The cable resists, but undergoes a slow corrosion.

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	Hydrochloric acid	B	Glucose	A
Alcohols	A	Benzene	A	Hydrocarbons	A
Ammoniac	B	Chloroform	A	Sea water	A
Nitric acid	A	Gasoline	A	Sodium sulfate	A
Silver nitrate	A	Ethanol	A	Sodium hydroxide	B
Hydrogen peroxide	A	Hydrofluoric acid	A	Salicylic acid	A
Carbonic acid	A	Formic acid	A	Sulphuric acid	A
Ferrous chloride	A	Freon	A	Toluene	A
Calcium carbonate	A	Tar	A	Potassium hydroxide	B

## Identification Codes

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

## Certificate



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