



LIQUID LEAK DETECTION SYSTEMS
CONSTRUCTION DIVISION

FG-ECS KIT

Water And Base Sense Cable Kit

Product Datasheet



- ▶ ECS Kit = Electronic Box + ECS Sense Cable
- ▶ Detects Water & Base Liquids
- ▶ Stand-alone System
- ▶ Small and Easy to Use

Description

The TTK FG-ECS water detection Kit provides rapid detection of any water leak. The FG-ECS Kit is a standard length of water sense cable with an electronic box, which can be connected directly to an air-conditioning unit, a fan convector or a PLC input. The FG-ECS Kit acts immediately of leaks.

Features & Benefits

A STAND ALONE SYSTEM

The FG-ECS Kit ensures permanent detection of areas at risk (ducts, flanges, valves, under-window air-conditioning units and fan convectors). The FG-ECS Kit is available in standard and pre-finished lengths of 3, 7 or 15 m. The water sense cable must be installed to cover the areas at risk and thus limit the consequences of an undetected leak.

The extremities and on-line junction of the FG-ECS Kit are waterproof and mechanically tested.

The sense cable should be dried shortly after detecting a leak. Special fixing clips are used to hold the length of cable sensing in the chosen location.

EASY INSTALLATION

The FG-ECS kit is fitted with an electronic box, to be connected to a 2-pair link cable. The first pair available is used for supply in 24V AC/DC, the second is the fault signal, connected in Normally Open (NO) or Normally Closed (NC). The 0V (connection point 12) should be connected to the ground of the power supply.

A TOUGH AND STURDY DESIGN

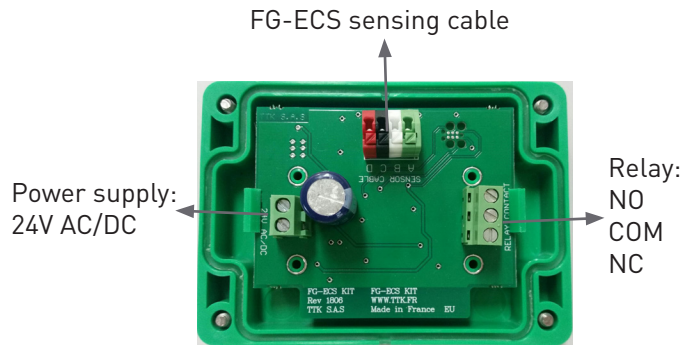
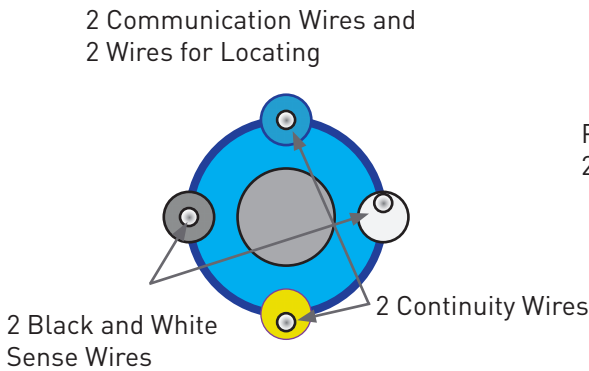
Small in diameter, the FG-ECS sense cable is light, flexible and of a recognizable colour. Its helical construction, connected on an extruded central core reduces the risk of contamination and untimely alarms. Operation of the detection system is facilitated by a short drying time of the FG-ECS sense cable.

It is made in a tested material, which is abrasive-resistant in hostile environments.

Technical Data

Maximum Rated Temperature	65°C
Maximum length of FG-ECS per Kit	15 metres of FG-ECS sense cable
FG-ECS sense cable diameter	8 mm
FG-ECS kit Supply voltage	24 V AC/DC
Maximum Relay Capacity	60W (30V x 2A)
Maximum Relay Voltage	125 VAC, 220VDC

Product Characteristics



FG-ECS Sense Cable Belden Tip



FG-ECS Sense Cable End Termination Tip



Identification Codes

FG-ECS-Kit 15	Kit with 15 metres length of water sense cable
FG-ECS-Kit 7	Kit with 7 metres length of water sense cable
FG-ECS-Kit 3	Kit with 3 metres length of water sense cable
Accessories:	
CF-EC100	100 hold-down clips with cold adhesive glue
ES-EC	40 signal tags

Certificate



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