



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

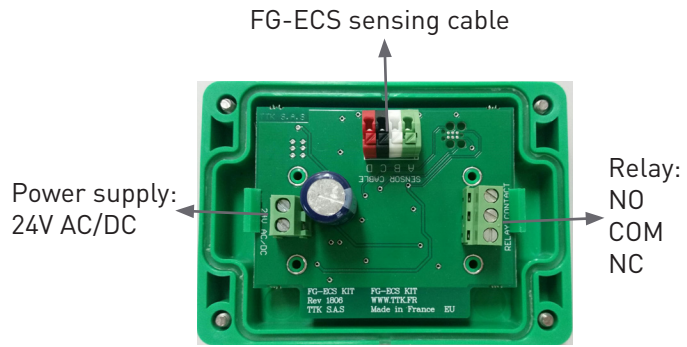
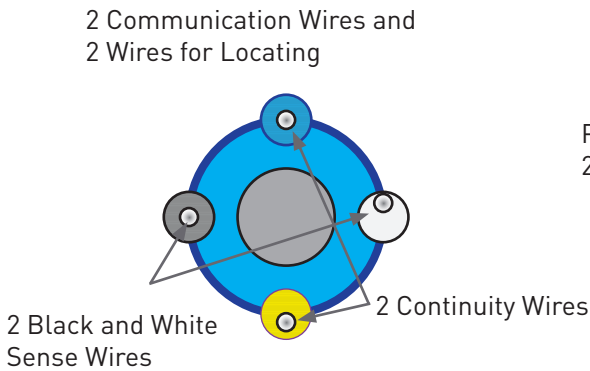
Small in diameter, the FG-ECS sense cable is light, flexible and of a recognizable colour. Its helical construction, connected on an extruded central core reduces the risk of contamination and untimely alarms. Operation of the detection system is facilitated by a short drying time of the FG-ECS sense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



This brochure has been carefully prepared to ensure technical accuracy but is only intended for promotional use. TTK cannot guarantee that the information contained herein contains no errors or omissions, and hence does not accept responsibility related to the use of its equipment. TTK maintain its obligations set forth in the Standard Terms and Conditions of Sale and will not, under any circumstances, assume liability for any incidental damages, indirect or consequential, arising from the sale, resale, use or misuse of this product. The purchaser(s) accept their responsibility as the sole judge(s) of the adaptability of the product for the intended use.

FG-NET, FG-SYS and TOPSurveillance are trademarks of TTK S.A.S. © TTK 2019

- **TTK Headquarters** / 19, rue du Général Foy / 75008 Paris / France / T : +33.1.56.76.90.10 / F : +33.1.55.90.62.15 / www.ttk.fr / ventes@ttk.fr
- **TTK UK Ltd.** / 3 Luke Street / London EC2A 4PX / United Kingdom / T : +44 207 729 6002 / F : +44 207 729 6003 / www.ttkuk.com / sales@ttkuk.com
- **TTK Pte Ltd.** / #09-05, Shenton House, 3 Shenton Way / Singapore 068805 / T : +65.6220.2068 / M : +65.9271.6191 / F : +65-6220.2026 / www.ttk.sg / sales@ttk.sg
- **TTK Asia Ltd.** / 2107-2108 Kai Tak Commercial Building / 317 Des Voeux Road Central / Hongkong / T : +852.2858.7128 / F : +852.2858.8428 / www.ttkasia.com / info@ttkasia.com
- **TTK Middle East FZCO** / Building 6EA, Office 510 PO Box 54925 / Dubai Airport Free Zone / UAE / T : +971 4 70 17 553 / M : +971 50 259 66 29 / www.ttkuk.com / cgalliche@ttk.fr
- **TTK Deutschland GmbH** / Berner Strasse 34 / 60437 Frankfurt / Deutschland / T : +49(0)69-95005630 / F : +49(0)69-95005640 / www.ttk-gmbh.de / vertrieb@ttk-gmbh.de
- **TTK North America Inc** / 1730 St Laurent Boulevard Suite 800 / Ottawa, ON, K1G 5L1 / Canada / T : +1 613 566 5968 / www.ttkcanada.com / info@ttkcanada.com
- **TTK USA Inc** / 7200 W 66th St / Bedford Park, IL 60638 / The United States / T : +1 630-518-4724 / www.ttkusa.com / dmlk@ttkusa.com