



Liquid leak detection system

Water Leak Detection With FG-ECS Kit

Technical data

The TTK FG-ECS water detection Kit provides rapid detection of any water leak. The FG-ECS Kit is a water sensing cable of standard length, which can be connected directly to an air-conditioning unit, a fan convector or a PLC input. The FG-ECS Kit acts immediately and precisely in the event of leaks of any liquid.

A Modular System

The FG-ECS Kit ensures permanent protection 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 sensing cable must be installed to cover the areas at risk and thus limit the consequences of an undetected leak.

Easy Installation

The FG-ECS kit is fitted with a miniaturized electronic board, connected to a 2-pair link cable. The first pair available is used for supply in 24V, the second is the fault signal, configured in Normally Open or Normally Closed. The FG-ECS-kit board should be connected to the ground wire of the power supply.

This fault signal is picked up on the under-window air conditioning unit adjustment or a PLC, and transmitted back to a centralized executive.

The Initial contact position toggle, at the end of a fault, is automatic.

The interruption fault (cable cut) is detected.

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

the sense cable should be dried shortly after detecting a leak.

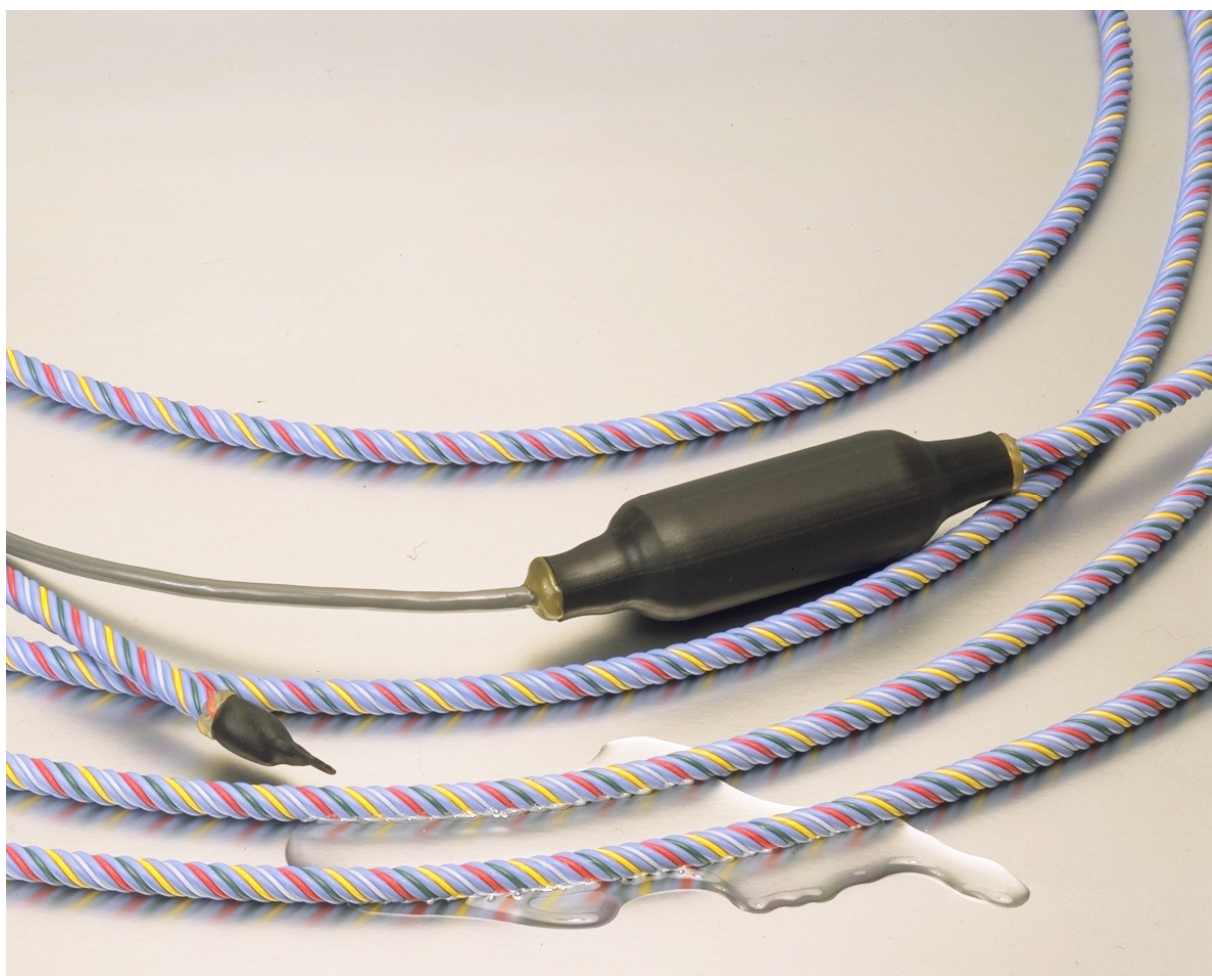
Special fixing clips are used to fasten the length of cable sensing in the chosen location.

A Tough And Sturdy Design

Small in diameter, the FG-ECS sensing cable is light, flexible and of a recognizable colour. Its 4 PEHD conducted helical construction, compression-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 sensing cable.

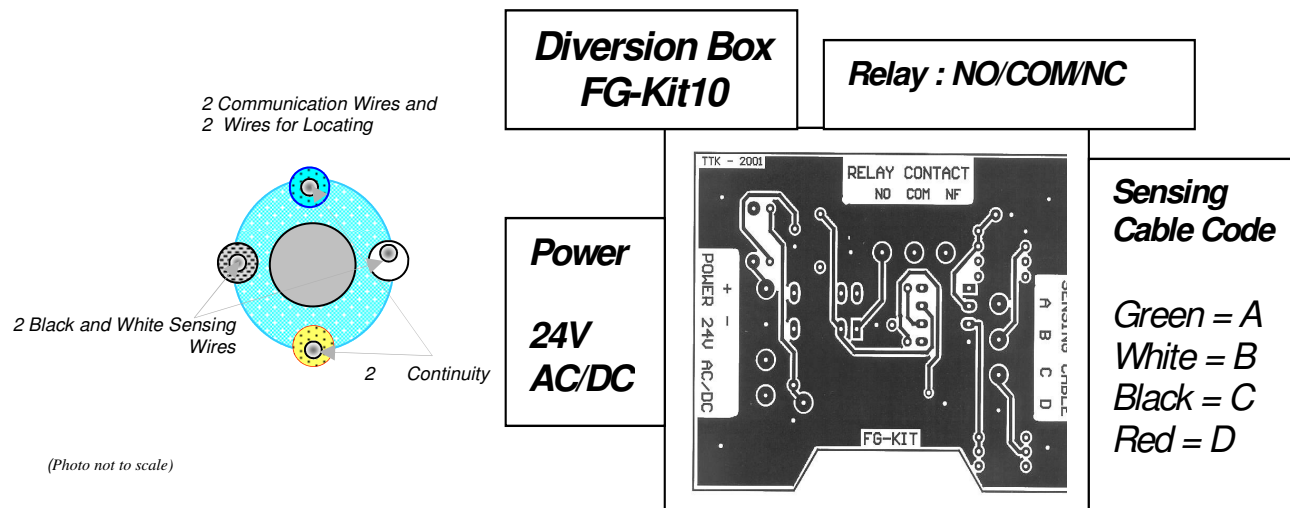
It is made in a tested material, which is abrasive-resistant in hostile environments.



Water Leak Detection With FG-ECS Kit

Product Characteristics

FG-ECS Water Sensing Cable With Four Wires



Technical Information

Type of polymer :	polyethylene low density
Working temperature range:	60 °C
Maximum length of FG-ECS kit :	15m.
Water tightness:	heat shrinkable product
FG-ECS Kit diameter:	8 mm for the cable and 11 mm for the tube
Supply voltage:	24 V AC/DC
Maximum voltage:	125 V AC et 60 V DC
Maximum power:	62,5 VA/30 W
Maximum capacity:	1 A

Identification Codes

FG-SYS Products:

FG-ECS-Kit_asia2.pub
4.2008

Kit FG-ECS15 Water sensing cable in 15m length
Kit FG-ECS7 Water sensing cable in 7m length
Kit FG-ECS3 Water sensing cable in 3m length

Accessories

CF100 100 hold-down clips with adhesive
ES40 40 Signal tags

This brochure with its photos, illustrations and charts were carefully prepared, but may only be taken as examples. TTK UK Ltd cannot guarantee that the information given contains no errors or omissions and will accept no responsibility related to the usage of its equipment. TTK's only obligations are those set forth in the Standard Terms and Conditions of Sale and will not under any circumstances be held liable for any incidental, indirect or consequential damages arising from the sale, resale or misuse of this product. The purchasers are the sole judges of the product's adaptability to the use for which it is destined. **FROGSYS** and **TOPSurveillance** are trademarks of TTK SAS.

TTK亚洲有限公司 TTK Asia Ltd.

啟德商業大廈2107-8室 2107-8 Kai Tak Commercial Building
上環德輔道中317-319號 317-319 Des Voeux Road Central
香港 Hong Kong
Tel. + (852) 2858 7128—Fax. + (852) 2858 8428
www.ttkasia.com— info@ttkasia.com

TTK Shanghai Office

Room307 Building#7, Line880, Road East Tiyyuhui,
200083, Shanghai
China
Tel. +86 135 0167 1074
www.ttkasia.com — info@ttkasia.com