



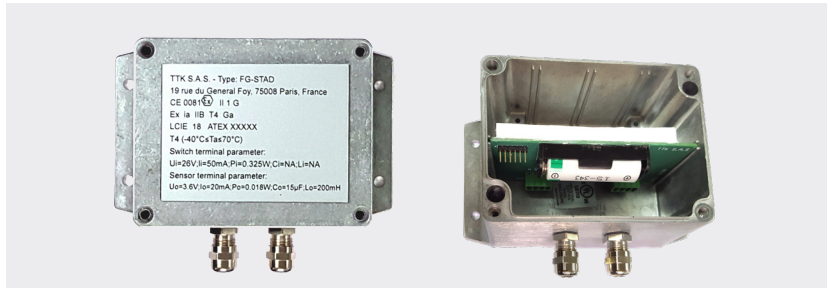
LIQUID LEAK DETECTION SYSTEMS

OIL & GAS DIVISION

FG-STAD

Standalone Alarm Unit For Hydrocarbon Leak Detection Sensor

Product Datasheet



- ▶ Stand-alone and Independent System
- ▶ 2 Unipolar Outputs
- ▶ Embedded Battery
- ▶ Exclusive for FG-OD Range Products

Description

The FG-STAD is designed to be used with the TTK FG-OD range of hydrocarbon leak detection sense cables, or the hydrocarbon point sensor, FG-ODP.

It allows TTK sense cables or point sensors to function in a fully stand-alone mode, without fixed voltage power supply, thanks to its embedded battery.

It also allows easy interfacing to third-party supervising equipment and is equipped with two unipolar outputs. One output reacts when the connected sense cable or point sensor detects a hydrocarbon leak, the other when a system fault appears.

Features & Benefits

FEATURES

- The FG-STAD unit monitors one hydrocarbon leak point sensor or one sense cable.
- No voltage supply is needed, the panel is supplied with an embedded battery with a lifespan of at least three years.
- Accessible terminals for quick installation.
- Two discreet unipolar outputs which provide easy interfacing to third-party supervising equipment.

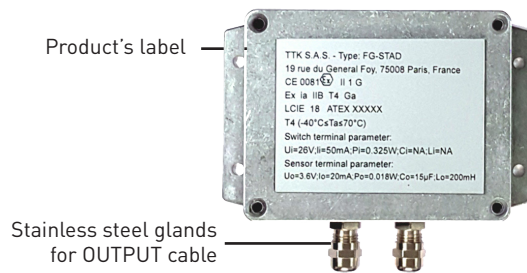
BENEFITS

- The FG-STAD is simple to use and install, and is ideal for a small or/and remote application for hydrocarbon leak detection.
- Minimal maintenance, with a periodical battery change every three years being all that is required.

Technical Data

Compatibility	Hydrocarbon sense cables: FG-OD, FG-ODC, FG-ODR; Point detector: FG-ODP
Enclosure Type	IP65 ; aluminum alloy
Glands Material	Stainless steel
Operating Temperature	-20°C to 70°C
Max. Switching Capacity	26VCC and 50mA
Supply Voltage	No voltage supply
Dimensions (W,H,D)	115 x 90 x 55 mm

PANEL DESCRIPTION



Identification Codes

FG-STAD	Standalone Alarm Unit For Hydrocarbon Leak Detection Sensors
FG-OD	Addressable Oil Sense Cable
FG-ODC	High Sensitivity Addressable Oil Sense Cable
FG-ODR	Low Sensitivity Addressable Oil Sense Cable
FG-ODP	Addressable Oil Point Sensor
Accessories:	
FG-CLOD	Leader Cable, on 'OD Bus 8771'
FG-TMOD	Digital End Plug on 'OD Bus 8771' for FG-OD Cable
FG-NOD N	'OD Bus 8771' Neutral Cable 'N' (30, 15, 7, 3, 1m) With Connectors
CF-OD50	50 Hold-down Clips with Adhesive for Oil Cables
ES-OD	40 Tags for Oil Cables

Certificates



ATEX / IECEx certificates for FG-STAD alarm & location unit are in progress.

FG-OD sense cables which are certified by ATEX can be connected to the FG-STAD alarm & location unit.

The FG-STAD unit meets the requirements of all European Standards in EN61000-6-2 / EN61000-6-3/EN61000-3-2/EN61000-3-3.

All the connections in the FG-STAD alarm locating system unit must be done with the power supply switched off.

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