



# Addressable Oil Leak Detection Systems

LIQUID LEAK DETECTION SYSTEMS  
OIL & GAS DIVISION

Products Catalogue



## LOCATING ALARM UNITS



### FG-NET-LL

- Developed for long distance hydrocarbon detection and location within the Oil & Gas industry
- Digital, Fully Addressable
- Monitoring Up to 2400m Sense Cables
- Touch Screen Interface
- TCP/IP & MODBUS/JBUS

### FG-NET

- Suitable for water, acid and oil leak detection with location mapping.
- Same Functions as FG-NET-LL.

### FG-ALS8-OD

- 8 Zones Alarm & Locating System Unit
- 9 Relays Embedded
- 8 Independent Zones
- 8 Simultaneous Leaks can be Detected
- Touch Screen Display
- MODBUS/JBUS

### FG-ALS4-OD

- 4 Zones Alarm & Locating System Unit
- 5 relays Embedded
- 4 Independent Zones
- 4 Simultaneous Leaks can be Detected
- Touch Screen Display
- MODBUS/JBUS

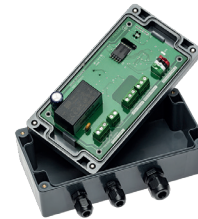
## STAND-ALONE ALARM UNIT

## SINGLE SENSOR ALARM UNIT



### FG-STAD

- Stand-alone, Independent System
- Functions Without Fixed Voltage Power Supply
- Embedded Battery: 3 Years+ Lifespan
- 2 Unipolar Outputs



### FG-A-OD

- Capable of monitoring one oil detection sense cable of up to 20 metres
- Simple unit for installation and use
- 2 SPDT Relays
- 3 LED Indicators

## SATELLITE DEVICES



### BATTERY BACKUP

- Provides Instant Battery Power
- Allows Continued Protection
- LED Lighting provides Fast Identification of the Device
- Easy to Use



### FG-BBOX-LL

- Monitoring up to 2360m Sense Cables
- Dynamic Leak Evolution Analysis
- Location of Faults on Cable
- Exclusive for Oil Sense Cable



### FG-BBOX

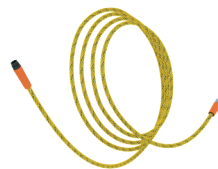
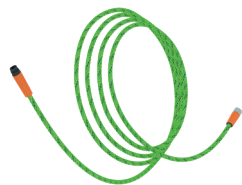
- Digital, Fully Addressable
- Monitoring Up to 1200m Sense Cables
- Location of Faults to 1m
- Compatible With Different Sense Cables



### FG-RELAYS

- 24 Configurable External Relay
- Up to 16 FG-RELAYS = 384 External Relays on a FG-NET Digital Unit

# OIL LEAK SENSE CABLES & POINT SENSOR



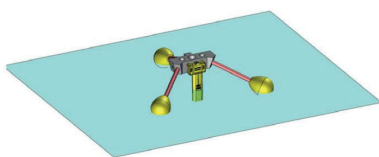
FG-ODC
<ul style="list-style-type: none"> <li>• High Sensitivity Sense Cable</li> <li>• Very Fast Response with Light and Middle Distillates</li> <li>• Sensitive to Heavy Oils and Hydrocarbon Vapors</li> <li>• Leak Location on Section Length</li> <li>• Re-usable Cable</li> <li>• Suitable for Explosive Area Service</li> <li>• Insensitive to Water and Inorganic Pollutants</li> <li>• Standard Lengths (3 m, 7m and 12m)</li> <li>• Examples of detection time: Gasoline: 1-2 minutes (*), Diesel Oil: 7-12 minutes (*)</li> </ul>

FG-OD
<ul style="list-style-type: none"> <li>• Intermediate Sensitivity Sense Cable</li> <li>• Fast Response with Light and Middle Distillates</li> <li>• Leak Location on Section Length</li> <li>• Re-usable Cable</li> <li>• Suitable for Explosive Area Service</li> <li>• Insensitive to Water and Inorganic Pollutants</li> <li>• Standard Lengths (3 m, 7m, 12m and 20m)</li> <li>• Examples of detection time: Gasoline: 3-6 minutes (*), Diesel Oil: 25-35 minutes (*)</li> </ul>

FG-ODR
<ul style="list-style-type: none"> <li>• Low Sensitivity Sense Cable</li> <li>• Suitable for Volatile Liquids in Confined Environments</li> <li>• Suitable for Weakly Polluted Environments</li> <li>• Leak Location on Section Length</li> <li>• Re-usable Cable</li> <li>• Suitable for Explosive Area Service</li> <li>• Insensitive to Water and Inorganic Pollutants</li> <li>• Standard Lengths (3 m, 7m, 12m and 20m)</li> <li>• Examples of detection time: Gasoline: 20-30 minutes (*), Diesel Oil: 3-6 hours (*)</li> </ul>

FG-ODP
<ul style="list-style-type: none"> <li>• Oil Point Sensor</li> <li>• Fully Addressable, Locating</li> <li>• Fast Response, Re-usable</li> <li>• Suitable for Explosive Area Service</li> <li>• Insensitive to Water and Pollution</li> </ul>

## ACCESSORIES



FG-FLOAT
<p>FG-FLOAT is a float assembly designed to be used with FG-ODP, the point sensor for oil leak detection - in sump application and other similar applications, to detect oil floating on water.</p>

Boxes
<ul style="list-style-type: none"> <li>• Interface box</li> <li>• Point sensor diversion box</li> </ul>

Leading Cable & Kit
<ul style="list-style-type: none"> <li>• Leader cable in 3.5m to connect the first OD sense cable to the digital units.</li> <li>• Set of parts for connecting FG-OD jumper cable.</li> </ul>

Accessories for Installation
<ul style="list-style-type: none"> <li>• End termination: Each circuit of sense cable must be ended with an end termination plug</li> <li>• Set of hold-down clips</li> <li>• Set of tags</li> </ul>

## Certificates



TTK - Type: FG-OD  
 CE 0081 II 1 G  
 Ex ia IIB T4 Ga  
 LCIE 13 ATEX 3082 X  
 LECEX LCIE 13.0072X

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