



LIQUID LEAK DETECTION SYSTEMS

OIL & GAS DIVISION

FG-ODP

Addressable Oil Point Sensor

Product Datasheet



- ▶ Intermediate Sensitivity
- ▶ Locating Point Sensor
- ▶ Fast Response, Re-usable
- ▶ Suitable for Explosive Area Service
- ▶ Insensitive to Water, UV resistant

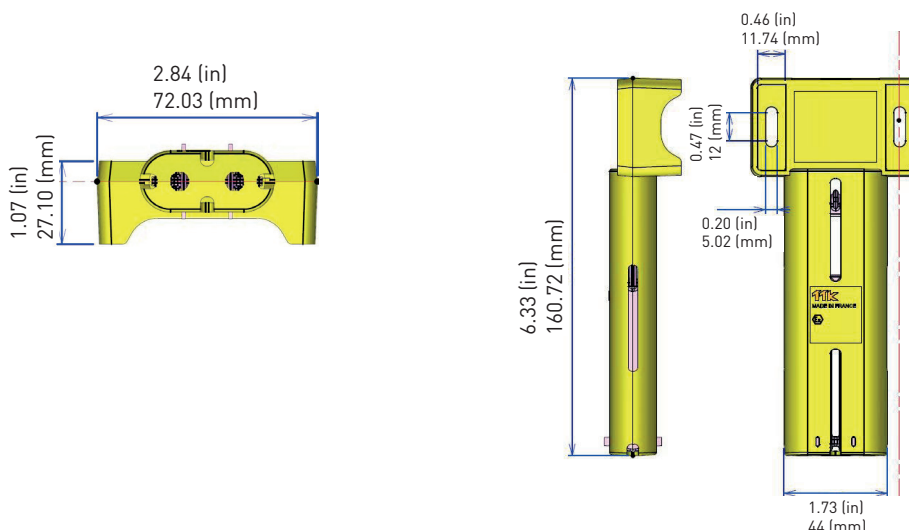
Description

The FG-ODP is a Point Sensor for liquid hydrocarbon and non-conductive solvent leak detection. It is suitable to detect hydrocarbon floating on water, for example on tank application. Fast response and re-usable after leak detection, the FG-ODP Point Sensor can be installed in humid environment, as it is insensitive to water.

Key Advantages

- FG-ODP is IP 68 protection marked (for the electronic components and related connections).
- Can be cleaned.
- Intrinsically safe - can be used in classified areas: Ex ia IIB T4 Ga (IECEx "Zone 0").
- Typical detection times (immersion > 1.18 inch [30 mm]):
Gasoline: 3-6 minutes (*), Diesel Oil: 25-35 minutes (*), Jet Fuels: 10-20 minutes (*).
Note (*): depending on liquid composition and leak conditions
- FG-ODP is supplied with an 11.5 ft (3.5m) length of lead cable.
- Reliable detection:
 - Sensitive to liquid hydrocarbons.
 - Insensitive to water, inorganic pollutants and external loads (pressure). UV resistant.
- Can be reused, allows reducing OPEX (operational expenditures) and testing leak detection under real conditions.
- Easy to install and remove.

Product Dimension



Technical Data

Compatibility	Digital units: FG-NET*, FG-NET-LL, FG-ALS8-OD, FG-ALS4-OD, FG-A-OD Satellite devices: FG-BBOX*, FG-BBOX-LL Sense cables: Compatible with water and acids sense cables on the same panel output via an interface box. FG-DOP connection box required for connecting FG-ODP on a OD BUS 8771 (*FG-DOD interface box required for connecting OD range cables/probes to non-OD range panels)
Reusability	Reusable, as long as the product hasn't been damaged by prolonged immersion in liquid
Enclosure Type	Antistatic Polymer
Weight	0.88 lb (0.4 kg)
Color	Yellow
Operating Temperature	-22° to 212°F (-30° to 100°C)
Connector Ingress Protection (IP Rating - DIN/EN/IEC60529)	IP 68
Explosive Area Classification	Ex ia IIB T4 Ga (ATEX "Zone 0")

Identification Codes

FG-ODP	Addressable Oil Point Sensor
Accessories:	
FG-FLOAT2	Float assembly for FG-ODP installation
FG-DOD	OD Bus Interface
FG-DOP	Point Sensor Diversion Connection box for integration of FG-ODP on a OD BUS 8771

Certifications



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

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