



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

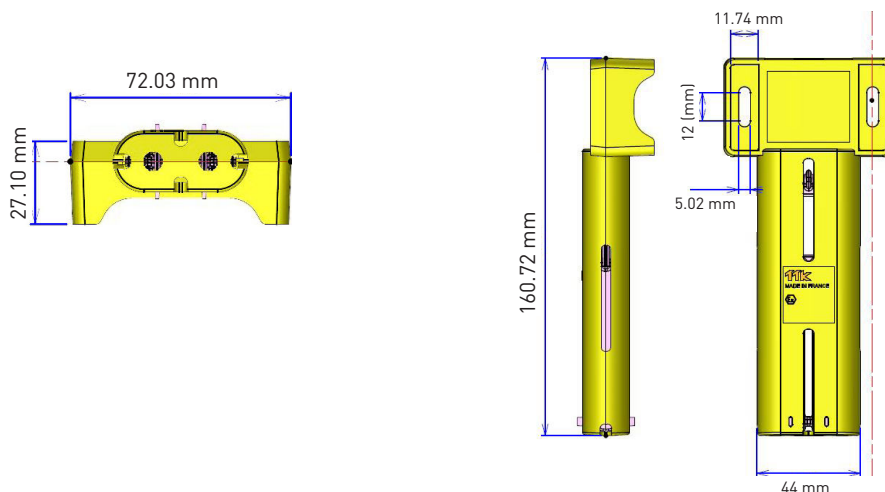
## Description

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 > 30 mm): Gasoline: 3-6 minutes (\*), Diesel Oil: 25-35 minutes (\*), Jet Fuels: 10-20 minutes (\*).  
Note (\*): depending on liquid composition and leak conditions
- 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

<b>Compatibility</b>	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]
<b>Reusability</b>	Reusable, as long as the product hasn't been damaged by prolonged immersion in liquid
<b>Enclosure Type</b>	Antistatic Polymer
<b>Weight</b>	0.4 kg
<b>Color</b>	Yellow
<b>Operating Temperature</b>	-30° to +100°C
<b>Connector Ingress Protection (IP Rating - DIN/EN/IEC60529)</b>	IP 68
<b>Explosive Area Classification</b>	Ex ia IIB T4 Ga (ATEX "Zone 0")

## Identification Codes

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

## Certifications



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

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