

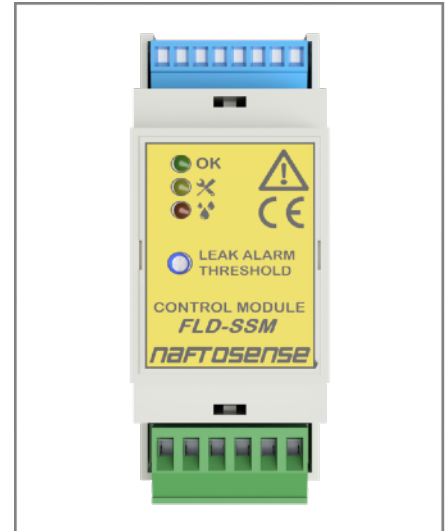
FLD-SSMH-DS

Control Module for Single Sensor Leak Detection

The FLD-SSMH-DS is designed for smaller leak detection applications where a single sensor under 100 ft is used. The DIN-rail mounted controller is ready to be mounted in your NEMA rated enclosure. The maximum sensor length is limited to 100ft/30m per FLD-SSMH.

For hazardous locations applications, the sensor cable FLD-HSC or FLD-O2W-SP sensor probe will be wired to the sensor module through a Zener barrier, with FLD-SSMH module installed in an area approved enclosure.

Please contact Naftosense for additional information..



Features and Benefits

- Detects reliably all North-American crude oils at very low temperatures
- Real-time transmission of cable contamination
- Dynamic tracking of the sensor contamination
- Adjustable alarm threshold
- Very wide operating temperatures range
- Able to detect the vapors diffused in the soil after spill from underground pipes
- 10-year warranty

Typical Applications

- Leak detection in Oil & Gas facilities
- Detection of leaking fuel from airport hydrant systems, military, and custody transfer installations in harsh outdoor, demanding environmental conditions
- Leak detection in refineries, tank farms, mainline pipe sections, or repair sites
- Leak detection in refineries, tank farms, block valves, mainline pipe sections
- Leak detection in downstream and fuel retail facilities

Agency Approvals

- Class 2 device, tested for compliance with ANSI/UL 61010-1

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Communication Made Easy

Utilize your existing network when integrating a Naftosense leak detecting system. Compatible with any wireless and wired system via a host of standard communication protocols:

- 0-10V
- 4-20mA
- Dry Contact
- Modbus RTU (RS-485)
- TCP/IP (with protocol converter)

Technical Information

Typical Detection Time at 68°F (20°C) with FLD-HSC Sensor Cable	
Unleaded Gasoline	1 minute 20 seconds
Diesel	2 minutes
Jet Fuel	2 minutes
WTI/WTS	6 to 7 minutes
Dilbit AWB	11 to 12 minutes
Bunker C oil	45 to 55 minutes

Technical Data	
Dimensions	1.42" x 3.35" x 2.28" (36 x 85 x 58 mm) - 2-module DIN
Weight	0.5 lb. / (225 g)
Fire Rating	UL94-HB
Ingress Rating	Panel: IP10/NEMA 1 - indoor use only
Operating Temperature Range	-13°F to 149°F (-25°C to 65°C)

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Technical Data	
Power Supply Voltage Range	12 – 24 VDC Class 2 Circuit / 24 VDC only for FLD-SSM-H420
Battery Operating Life	10 years minimum
Maximum Length of Cable	Sensor Cable FLD-HSC: 100 ft (30 m) Leader Cable (AWG22 min): 1000 ft (300 m)
Power Consumption	30mA maximum
Mounting	DIN-rail mounted inside electric cabinet or suitable enclosure
Warranty	10 years

Attention! FLD-SSM panel is approved by accredited certification organization for worldwide safe use in both residential and industrial environments. For additional information, please contact Naftosense.

Product Codes	
FLD-SSM-HR2	Monitoring module for a single passive sensor cable or probe for detecting non-polar liquids, with 2 SPDT relays outputs
FLD-SSM-HMBR2	Monitoring module for a single passive sensor cable or probe for detecting non-polar liquids, with Modbus RTU and 2 SPDT relay outputs
FLD-SSM-HR2-420	Monitoring module for a single passive sensor cable or probe for detecting non-polar liquids, with 3-wire current loop 4-20mA output and 2 SPDT relay outputs
FLD-SSM-HR2-010	Monitoring module for a single passive sensor cable or probe for detecting non-polar liquids, with 0-10V output and 2 SPDT relay outputs