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NEW HFC SENSOR 0-4000PPM SELF SENSE (SAMON: SEN027)

Product group: **607** Product number: **708041**

New and improved sensor developed for all HFCs and HFOs detectors (MP-DS and G-series). The main additional feature of SEN027 (SELF SENSE) is its built-in filter that makes the sensor much more resistant against false alarms caused by dust, dirt, liquids, and aerosols than the old SEN024 sensor.



The SEN027 (SELF SENSE) can be fitted in existing installations where older sensor, HFC 0-4000PPM SEN004 is used. The change can be performed without any change in alarm settings, and calibration is recommended with DT300 and SM300-SELF SENSE sensor module.

Product information

Under normal circumstances, the lifetime of the sensor in the detector is up to 5 years. As a preventive measure, ship owners are advised to plan for sensor replacements when it is reaching 5 years in operation.

For the replacement of a faulty sensor, ship owners may go with the same sensor in their existing system, either SEN004 or SEN027 (SELF SENSE).

For the 5-year sensor replacement, we recommend that ship owners use only the new sensor, SEN027 (SELF SENSE), for the entire leak monitoring system.

Features

- Easy to calibrate with Diagnostic Tool DT300
- Quick response time
- Long lifetime (5 years)
- Backward compatible with existing installations where older sensor, SEN004 is used.
- Additional filter that blocks contaminants which may cause false alarm
- Reduce sensitivity to humidity and short term peaks.

Benefits

- 90% lesser false alarm
- Cover all HFC and HFO refrigerants
- Available at the same price as old SEN004 sensor.

Specification

General

Invent Hazard Material (IMO/EU) classification	NA
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Documents

[Instruction for sensor head replacement](#)

[SDoC and MD for IHM](#)

Related products

Accessories

708037
 DIAGNOSTIC TOOL DT300 (SAMON: 60-130)

Is spare to

708051
 REFRIGERANT LEAK MONITOR KIT 6CH (SAMON MPU & MP-DS IP54)

708042
 DETECTOR NEW MP-DS-HFC-4000 (SAMON: 38-420 W/SEN027)

708048
 DETECTOR NEW GSR230-HFC-4000 (SAMON: 37-925 W/SEN027)

708049
 DETECTOR NEW GR24-HFC-4000 (SAMON: 37-620 W/SEN027)

708050
 DETECTOR NEW GR230-HFC-4000 (SAMON: 37-625 W/SEN027)

708043

DETECTOR NEW GS24-HFC-4000-ZM (SAMON: 37-420-ZMW/SEN027)

708044

DETECTOR NEW GS230-HFC-4000-ZM (SAMON: 37-425-ZMW/SEN027)

708029

DETECTOR GS24-HFC-4000-ZM (SAMON: 37-420-ZM)

708030

DETECTOR GS230-HFC-4000-ZM (SAMON: 37-425-ZM)

708031

DETECTOR GS24-HFC-4000 (SAMON: 37-420)

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DETECTOR GS230-HFC-4000 (SAMON: 37-425)

708033

DETECTOR GSR24-HFC-4000 (SAMON: 37-920)

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