

Last updated: 08/07/2024 06:18:18

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

Product group: **607** Product number: **708042**

Detectors intended for installation in engine rooms, cold rooms or other spaces where gas is used, handled or stored. The 'MP-Series' is specifically designed for MPU and SPU/SPLS monitoring units.



Measuring ranges and alarm levels

- Alarm levels are always set on the monitoring unit!
- Appropriate ranges and alarm levels depends on the environment in which the detectors is installed and the type of gas to be detected.

Complies with the following standards and regulations:

- F-gas regulative 517/2014
- EN 378
- EN14624
- JRA4068

Product information

To avoid the damage and dangers caused by refrigerant leaks, it is extremely important to follow the recommendations below to ensure that the leak monitoring system is functioning accurately.

Replace visibly damaged monitors and detectors immediately.
Check and test the detectors once every 12 months with diagnostic tool DT300

Required by Safety Standard for Refrigeration Systems, EN378:2016.

Replace sensor every 5 years

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

This detector comes with the new sensor, SEN027 (SELF SENSE) with built-in filter that makes the sensor much more resistant against false alarms caused by dust, dirt, liquids, and aerosols.

The change of SEN027 can be performed without any change in alarm settings, and calibration is recommended with DT300 and SM300-SELF SENSE sensor module.

Features

- Requires connection to a monitoring unit e.g.MPU2C, MPU4C, MPU6C, SPU/SPLS
- Power supply from monitoring unit
- Robust non corrosive PC enclosure for installation also in aggressive environments

Benefits

Safety of crew members - round the clock monitoring and alarm. Alerts ship crew in case of emergency. **Cost-saving** - Minimise refrigerant loss and reduce operating costs. **Time-saving** - Product and spares can be delivered together with other marine products from WSS. **Regulatory compliance** - Complies with major regulatory bodies such as F-gas Regulation, EPA, Marpol Annex VI, LR ECO Class notation and ABS ES Notation. **Environmentally Friendly** - Enables early detection and minimise the release of harmful GHGs into the atmosphere.

Specification

General

Invent Hazard Material (IMO/EU) classification	NA
--	----

Documents

[SDoC and MD for IHM](#)

[Instruction Manual for DP-DS](#)

Related products

Accessories

708039

SENSOR MODULE FOR DT300 - SM300-SELF SENSE (SAMON: 60-150)

708037

DIAGNOSTIC TOOL DT300 (SAMON: 60-130)

Spares

708041

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

Is spare to

708051

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

This page is printed from

<https://www.wilhelmsen.com/product-catalogue/products/refrigeration-equipment/package-equipment/detector-new-mp-ds-hfc-4000-samon-38-420-w-sen027/>