

Product group: 607 Product number: 708050

Detectors intended for installation in engine rooms, cold rooms or other spaces where gas is used, handled or stored.

The detectors can be used independently, connected to a monitoring unit or to any other monitoring system that accepts potential-free contact.



- Complies with the following standards and regulations:
- F-gas regulative 517/2014
 - EN 378
 - EN14624
 - JRA4068

Product information

DT300 is used together with a sensor module, SM300-HFC or SM300-SELF SENSE. The sensor modules (SM300-HFC and SM300-SELF SENSE) are not included in the DT300 and shall be ordered separately. They are consumable parts and should be replaced annually. SM300-HFC is used to test old sensors like HFC SENSOR 0-4000PPMSEN004. SM300-SELF SENSE is used to test new sensors like NEW HFC SENSOR 0-4000PPMSEN027 (SELF SENSE). The reference sensor is plugged into the unit and the LCD display indicates when the sensor is heated and ready to use. The reference value for the gas appears in the LCD display. The value is then used to calibrate offset-value on the relevant detector. Alphanumeric LCD display shows:

The integrated reference sensors offset-value
Offset-value on the tested detector
System voltage (+5 V)
C-, B-and A-alarm levels

Features

- The detector is microprocessor controlled and displays the current operating status via LED's
- Three adjustable alarm levels with relay output (230V/5A)
- Alarm delay, selectable in four steps
- Manual or automatic reset on alarm
- Fail-safe function with built-in monitoring and power failure alarm
- Built-in self-test and service function
- Test terminal for service tools
- 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/IU) classification	NA
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Documents

- [Instruction Manual](#)
- [Control and calibration of GR and GSR detectors](#)
- [SDoC and MD for IHM](#)

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)