

Oil/water alarm unit



Application

For visual and audible alarms if liquids with a flash point of $>55^{\circ}\text{C}$ are detected. OM 5 is suitable for the following media: fuel oil, diesel fuel, synthetic fuels (e.g. GTL) in accordance with EN 15940 and 32.5% urea solution in accordance with DIN 70070 (AdBlue). Also suitable for engine, gear, machine, hydraulic or low-viscosity lubricating oils as well as transformer oils, vegetable oils (e.g. HVO), water and other liquids. Use as leak detection system class III as per EN 13160-1/-4 and as leak detection system as per TRWS 791-1/-2.

Description

The unit in a wall mounting housing triggers visual and audible alarms in the event of accumulations of liquids which can be caused by tank leaks, backflow, flooding, etc. OM 5 consists of a control unit with visual/audible alarm, Test and Acknowledge buttons as well as a relay output. Up to five photoelectric probes can be connected. The probes are mounted at the lowest point of the object to be monitored. Alarm is triggered when there is contact with escaped liquid. The audible alarm can be muted with the Acknowledge button. The visual alarm is cleared once the leak has been fixed. The Test button allows you to simulate an alarm condition in order to perform a function test. The voltage-free relay contact is provided for connection of additional alarm equipment (such as additional alarm unit ZAG 01, horn). The alarm units are suitable for panel mounting with a mounting frame. A sealing kit (IP 54) is available for rough application conditions.

Empty probe for retrofitting of photoelectric probes in battery tanks.

OM 5/1 with additional probe for detection of minimum levels, e.g. in fuel oil tanks.

Technical Specifications

Operating temperature range

Ambient: $-10/+60^{\circ}\text{C}$

Storage: $-10/+60^{\circ}\text{C}$

Supply voltage

OM 5/1

Nominal power

5 VA

Switching output

Relay contact: 1 x voltage-free changeover contact

Contact rating: max. AC 250 V, 2 A

Alarm sound

min. 70 dB(A)

Housing

Wall mounting housing made of impact-resistant plastic (ABS)

W x H x D: 100 x 188 x 65 mm

Weight: 500 g

Degree of protection: IP 40 (EN 60529)

approval

DIBt: Z-65.40-214

Scope of delivery

- OM 5/1
- Control unit
 - 1 photoelectric probe
 - 1 floating probe

Versions

			Part no.
Oil/water alarm unit OM 5/1	AC 230 V		44517

- in-stock items
- Non-stock items