

Oil-on-water detector ÖAWD ÖAWD-8



Benefits

- For the detection of oil layers on water
- Alarm unit on conductivity principle
- With visual alarm, Test and Unlock pushbuttons
- Relay output for additional alarm

Application

For visual and audible alarms in the event of oil layers on water. Especially suitable for catchment basins, floods and inspection ducts.

Versions

| | Part no. |
|-----------------------------------|----------|
| Oil-on-water detector ÖAWD ÖAWD-8 | 55105 |
| Floating probe SWS | 55100 |

Blue part no. = in-stock items

Description

Alarm unit in wall mounting housing for the detection of oil layers on water. ÖAWD consists of a control unit with visual/audible alarm, Test/Unlock buttons as well as a relay output. ÖAWD is based on the conductivity principle. The floating probe SWS is used for detection. If an oil layer (of at least 2 mm) is detected, the alarm unit triggers a visual alarm and stores the alarm condition. Once the cause of the alarm condition has been removed, press the Unlock button to reset ÖAWD. The visual alarm is deactivated. 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 signalling equipment (such as ZAG 01), actuators (pumps, valves), additional alarm units or event reporting systems. The alarm units are suitable for panel mounting with a mounting frame. A sealing kit (IP 54) is available for rough application conditions. ÖAWD-8 is available for applications with turbulent surfaces; this version features a delay of approx. 8 s which helps to avoid false alarms.



Technical specifications

Operating temperature range

| | |
|----------|------------|
| Medium: | 0/50 °C |
| Ambient: | 0/55 °C |
| Storage: | -10/+60 °C |

Floating probe SWS

| | |
|---------------------------------------|--------------------|
| W x H x D: | 200 x 140 x 200 mm |
| Cable length: | 10 m |
| Max. length: | 50 m |
| Adjustment range oil layer thickness: | 2/10 mm |
| Also suitable for changing levels | |

Supply voltage

AC 100 – 240 V

Nominal power

5 VA

Switching output

| | |
|-----------------|-------------------------------------|
| Relay contact: | 1 x voltage-free changeover contact |
| Contact rating: | Max. AC 250 V, 2 A |

Response delay

8 s

Housing

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

| | |
|-----------------------|-------------------|
| W x H x D: | 100 x 188 x 65 mm |
| Weight: | 600 g |
| Degree of protection: | IP40 (EN 60529) |

Scope of delivery

- Control unit without probe