

Oil-on-water detector ÖAWD-8



- 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



Page 83



Page 86



4

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

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 check. 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. The version 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

Probe SWS

2-rod electrode, encapsulated cable connection
W x H x D: 200 x 140 x 200 mm
Cable length: 10 m
Adjustment range: 2/10 mm oil layer thickness
Also suitable for changing levels

Supply voltage

AC 100–240 V

Nominal power

5 VA

Switching output

Relay output: 1 voltage-free changeover contact

Contact rating

AC 250 V, 2 A

Response delay

ÖAWD-8: 8 s

Housing

Wall mounting housing made of impact-resistant plastic (ABS)
W x H x D: 100 x 188 x 65 mm
Degree of protection: IP 40 (EN 60529)

Scope of delivery

- Control unit without probe

DG: H, PG: 4			Part no.	Price €
Oil-on-water detector ÖAWD-8	1	-	55105	
Floating probe SWS	1	-	55100	