

Oil/water alarm unit ÖWU



Benefits

- Combination probe for determination of leaking medium oil and water
- For storage rooms, manholes, drip pans and pumps
- With fail-safe mode
- With visual/audible alarms, Test/Acknowledge buttons and relay output



Application

For visual and audible alarms if liquids with a flash point of $> 55\text{ °C}$ are detected. Suitable for the following media: water, fuel oil, diesel fuel or low-viscosity lubricating oils, motor oils, gearbox oils or hydraulic oils, vegetable oils and transformer oils.

Versions

| | Part no. |
|----------------------------------|----------|
| Oil/water alarm unit ÖWU | 40028 |
| EnOcean® wireless module TCM 320 | 78082 |

Blue part no. = in-stock items

Description

Alarm unit in wall mounting housing for early detection of accumulations of liquids. ÖWU consists of a control unit with visual/audible alarm, Test and Acknowledge buttons, two relay outputs as well as a combination probe with photoelectric and conductivity sensors. An integrated microprocessor determines whether the detected medium is oil or water. The probe is 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 removed. The Test button allows you to simulate an alarm condition in order to perform a function test. The two voltage-free relay contacts are provided for connection of additional external alarm equipment or additional alarm units; e.g. 1 relay for water alarm and 1 relay for oil alarm. ÖWU features a "fail-safe" mode. The alarm units are suitable for panel mounting with a mounting frame. A sealing kit (IP 54) is available for rough application conditions.

Alarm units with the EnOcean-ready label can be integrated into your existing building automation systems, for example, AFRISO smart home, at a later point in time. To do so, plug the EnOcean® wireless module into the EnOcean® interface (PCB of the device). The AFRISOhome gateway in conjunction with additional AFRISO smart home products with EnOcean® wireless technology allow you to configure a whole range of fully customisable, extensible features for the protection of plants and buildings.



Technical specifications

Operating temperature range

| | |
|----------|------------|
| Medium: | 5/50 °C |
| Ambient: | -10/+60 °C |
| Storage: | -10/+60 °C |

Probe

| | |
|---------------|------------------|
| W x H x D: | 40 x 300 x 55 mm |
| Cable length: | 1.5 m |
| Max. length: | 50 m, shielded |

Supply voltage

AC 100 – 240 V

Nominal power

6 VA

Switching output

Relay contact: 1 voltage-free changeover contact (water alarm), 1 voltage-free changeover contact (oil alarm)

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) |

Scope of delivery

- Control unit
- Wall mounting rail probe WSS

Option

- EnOcean® wireless module (can be retrofitted)