Water alarm unit WWG

Benefits

- Ideal for laundry rooms, cellars/storage rooms, pump and inspection ducts
- With visual/audible alarms, Test and Acknowledge buttons and 2 relay outputs
- With floor probe or wall mounting rail probe
- EnOcean®-ready

Application

For visual and audible alarms in the event of accumulations of electrically conductive liquids such as rainwater, tap water, fresh water, waste water, cooling water and heating water.

Versions

	Part no.
Water alarm unit WWG 1	40029
Water alarm unit WWG 2	40031
EnOcean® wireless module TCM 320	78082

Blue part no. = in-stock items

Description

Alarm unit in wall mounting housing for the detection of even the smallest amounts of water caused by, for example, backflow due to clogged water pipes, water ingress from outdoors, broken pipes or failure of a waste water pump. WWG 1 consists of a control unit with visual/audible alarm, Test and Acknowledge buttons, two relay outputs as well as a special floor probe. 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 alarm units. One relay can be acknowledged (e.g. for an external horn), the other relay cannot (e.g. for an external lamp, a solenoid valve, a pump). 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 gate-

way 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.
Water alarm unit WWG 2 like WWG 1, but with height-adjustable wall mounting rail probe.

Technical specifications

Operating temperature range
Ambient: -5/+55 °C
Storage: -10/+60 °C

Floor water probe BWS 10-1
Response level: Approx. 2–3 mm
Dimensions ⌀: 70 mm

Wall mounting rail probe WSS
Height-adjustable: Approx. 200 mm
W x H x D: 37 x 320 x 55 mm

Standard probe cables
Cable length: 1.5 m
Max. length: 50 m, shielded

Supply voltage
AC 100 – 240 V

Nominal power
2.5 VA

Switching output
Relay contact: 1 x voltage-free changeover contact
Relay contact: 1 voltage-free normally open contact (can be acknowledged)
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
WWG 1:
- Control unit
- Floor water probe BWS 10-1

WWG 2:
- Control unit
- Wall mounting rail probe WSS

Option
- EnOcean® wireless module (can be retrofitted)