Alarm unit AG 12

Part no. 67031

Alarm unit

benefits

- with visual/audible alarms, Test and Acknowledge buttons
- Relay output for event reporting systems
- high (planning) reliability due to timely alarm or status information of system components to be monitored

Application

For visual and audible alarms or transmission of signals from connected signal transmitters, e.g. pressure gauges with electrical contacts, pressure transducers, limit switches, boiler water low level alarms in heating systems, AFRISO WATCHDOG-LINE alarm units and other switching equipment.

Description

Alarm unit in wall mounting housing with visual/audible alarms, Acknowledge keys and relay output. A green LED indicates normal operation. The alarm signal is generated by the connected signal transmitter. In the case of an alarm, the red LED lights up; in addition, the system generates an audible alarm. The audible alarm can be muted with the Acknowledge key. The visual alarm is cleared once the event has been removed. The Test key allows you to simulate an alarm condition in order to perform a function test. The voltage-free relay contacts allow for connection of additional external signalling equipment (such as a horn), event reporting systems, building control systems or similar equipment.

Version AG 11:
For connection of signal transmitters and equipment with one voltage-free normally closed contact such as the boiler water low level alarm WP 6. AG 11 features one voltage-free changeover contact. AG 11 features two operating modes: In the operating mode "Eco" (factory default), the relay is de-energised when no alarm is active. In case of an alarm, the relay is energised. In the operating mode "FailSafe", the relay is energised when no alarm is active. In case of an alarm, the relay is de-energised. This way, an alarm can also be triggered in the case of a power outage.

Version AG 12:
For connection of signal transmitters and equipment with one voltage-free normally open contact such as the pressure gauge with electrical contact RF 63 MK1 D302. AG 12 features two voltage-free changeover contacts one of which can be reset with the Acknowledge key. EnOcean®-ready: Both alarm units can be integrated into the AFRISO smart home system or other smart home systems based on EnOcean® wireless by means of the optional wireless module TCM 320. This allows for additional push messages to smartphones or via e-mail (further accessories required).

The alarm units AG 11 / AG 12 are suitable for panel mounting with a mounting frame. A sealing kit (IP 54) is available for rough application conditions.

Technical Specifications

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

Power input
AG 12
2.5 VA

Switching input
voltage-free connection

Switching output
AG 12
2 voltage-free changeover contacts, 1 can be acknowledged
Contact rating: max. AC 250 V, 2 A

Operating modes
AG 12
FailSafe

Alarm sound
min. 70 dB(A), A-weighted sound level of the audible alarm at a distance of one metre

Response delay
< 1 second

Housing
Wall mounting housing made of impact-resistant plastic (ABS)
W x H x D: 100 x 188 x 65 mm
Weight: 0.5 kg
Degree of protection: IP 30 (EN 60529)

Scope of delivery
- Alarm unit
- Mounting accessories
- Cable gland for connection of additional equipment

Option
- EnOcean® wireless module TCM 320 (can be retrofitted)

Options

- EnOcean® wireless module TCM 320 (can be retrofitted)

Versions

		Part no.
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● in-stock items

○ Non-stock items