

Alarm unit for separators WGA 06



- For oil, petrol and grease separators
- Oil-on-water alarm/overflow alarm
- With ATEX approval for zone 0



Application Together with the WGA-ÖW probe, WGA 06 monitors pump and control shafts in separator systems for oil accumulations and generates an alarm signal before pollutants can reach the sewage system. It is also possible to connect the WGA-AS probe. This way, the maximum levels in separators or retention tanks can be detected. This avoids overflowing that may be caused by clogged outlets or other circumstances. The unit keeps harmful substances from reaching the sewage water system.

Description WGA 06 consists of a control unit and a capacitance probe (WGA-ÖW or WGA-AS). The control unit is equipped with 2 relay outputs, visual and audible alarms as well as Test and Acknowledge buttons. Either the floating probe WGA-ÖW or the fixed probe WGA-AS can be connected. WGA-ÖW floats on the surface of the water in the shaft and generates an alarm signal when an oil, grease or petrol layer of at least 15 mm has built up. WGA-AS is mounted above the constant level of the separator or the retention tank. An alarm is triggered when the maximum level is reached. The control unit monitors the probes for short circuits or line interruptions.

Technical specifications

- Operating temperature range**
Medium: 0/60 °C
Ambient: -25/+50 °C
- Floating probe WGA-ÖW (oil-on-water)**
Function principle: capacitance
3 PVC floating balls
Height 120 mm, Ø 370 mm
Cable length 5 m, PVC, oil-resistant
- Probe WGA-AS (overflow)**
Function principle: capacitance
Length 81 mm, Ø 82 mm
Cable length 5 m, PVC, oil-resistant
- Connection probe – control unit**
Up to 300 m (depends on line resistance)
- Supply voltage**
AC 230 V
- Power input**
Approx. 2 VA
- Switching outputs**
Relay contact: 2 voltage-free changeover contacts
(1 can be acknowledged)
Contact rating: AC 250 V/5 A/100 VA
- Visual indication**
1 green LED operation
1 red LED alarm
1 red LED error

- Audible alarm**
Integrated piezo buzzer, can be acknowledged
- Function test**
By means of Test button
- Housing**
Wall mounting housing made of impact-resistant plastic (polycarbonate)
W x H x D: 175 x 125 x 75 mm
Degree of protection IP 65 (EN 60529)
- ATEX approvals**
Control unit: Ex II (1) G [Ex ia] II C
Probes: WGA-ÖW: Ex II 1G Ex ia IIA T5 Ga
WGA-AS: Ex II 1 G Ex ia IIA T5 Ga
- Scope of delivery**
Control unit: without probes
Probe: with junction box, without mounting material

DG: H, PG: 4	Part no.	Price €
WGA 06 without probes	53414	
Floating probe WGA-ÖW (oil-on-water)	53417	
Probe WGA-AS (overflow)	53415	

Blue part no. = in-stock items