GEWAS 300 FG
Product-ID: 600472
Wasserwächter im Feldgehäuse für Wandmontage Gerät ohne Sensor

GEWAS 300 SP
Product-ID: 600474
Wasserwächter im Schnappgehäuse für Hutschienenmontage, Gerät ohne Sensor

Application:
Versatile alarm and protection device for DIN rail or surface mounting with universal input (screw-type terminals) for several external sensors. Sensors with switching threshold <100 kOhm can be connected (e.g. water probes, floating switches, level probes, magnetic contacts, etc.). In case of an alarm the connected device (e.g. pump, machine) is switched off by a change-over contact. The GEWAS 300 FG additionally provides an alarm. The internal or an external push-button resets the alarm state. The GEWAS 300... is especially suitable for detection of conducting media (water, etc.). It is less applicable for badly or non conducting media (oils or fatty liquids), conducting foaming liquids or media causing electrically isolating deposits on the electrodes.

Description:
The measuring method for level detection is based on the conductive principle, i.e. the electrical conductivity of the media is monitored. If the switching amplifier detects a value below the set conductivity the state "media detected" is output, otherwise "no media".

Specifications:
- Power supply: 18 V ... 250 V AC/DC, wide-range power supply
- Power consumption: < 2 VA
- 1 signal inputs:
  - Triggering level: < 80 kΩ
  - Response time: 2 s
- 1 Relay output:
  - Contact: change-over contact, potential-free
  - Switching voltage: ≤ 250 V AC
  - Switching current: ≤ 5 A (ohmic load)
  - external alarm output: only GEWAS 300 FG:
    - 8 V, 3 kHz, ≤ 5 mA
- Protection class:
  - GEWAS 300 SP: IP20
  - GEWAS 300 FG: IP65

Accessories and spare parts:
- GWF-1
  - Product-ID: 601712
  - water sensor without plug, 2 m cable
- GWF-1/5m
  - Product-ID: 601717
  - water sensor without plug, 5 m cable
- GWF-1/10m
  - Product-ID: 601723
  - water sensor without plug, 10 m cable
- GSS-1
  - Product-ID: 606016
  - level sensor, 2 m cable (floating switch) for electrically non-conducting media
- GNS-1
  - Product-ID: 602531
  - level sensor 2-pole (stainless steel electrode)

GEWAS 300 FG
Display / Controller / EASYBusTransmitter
Temperature probe / Simulator
Handheld instrument
Alarm / Protection, Level

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