

Product Information

Sensors and Instrumentation

**Level Switch
 NMS-004HM47**



- Cover or base mounting for monitoring max. or min. level
- Normally closed or normally open contact

Characteristics

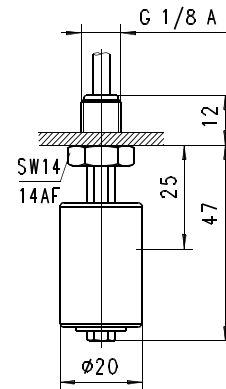
Mechanical level monitor for fluid media, with contact-free triggering of a reed contact.

Technical data

| | |
|----------------------------|--|
| Switch | reed switch |
| Process connection | male thread G 1/8 A |
| Density of medium | ≥ 0.4 g/cm ³ |
| Pressure resistance | PN 12 bar |
| Medium temperature | -20..+105 °C |
| Ambient temperature | -20..+55 °C |
| Media | water, oils |
| Wiring | 'normally open' or 'normally closed' No. 0.442 |
| | <p>the switching function can be modified by changing the float.</p> |
| Switching voltage | max. 300 V AC |
| Switching current | max. 0.5 A |
| Switching capacity | max. 70 VA |

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|-------------------------------------|--------------------------------|
| Protection class | 2 -safety insulation |
| Ingress protection | IP 65 |
| Electrical connection | cabl 1.5 m |
| Materials medium-contact | CW614N, Spansil (NBR), bronze |
| Non-medium-contact materials | PVC |
| Weight | 0.065 kg |
| Installation location | vertical installation position |

Dimensions



Details of float location 25 mm for density 1 g/cm³.
 The device is delivered without a seal.

Handling and operation

- It must be ensured that the values given for voltage, current, and power are not exceeded.
- When switched on, a load must be connected in series.
- The electrical details apply to ohmic loads. Capacitive, inductive and lamp loads must be operated using a protective circuit.
- Not suitable for use in media with ferritic particles.

Ordering code

NMS - 1. 004 2. H 3. M 4. 047

○=Option

| | | |
|-------------------------------|-----|-----------------------------|
| 1. Connection size | 004 | threaded connection G 1/8 A |
| 2. Process connection | H | screw-in thread |
| 3. Connection material | M | brass |
| 4. Length | 047 | 47 mm |