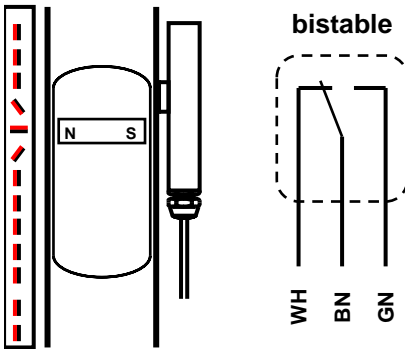
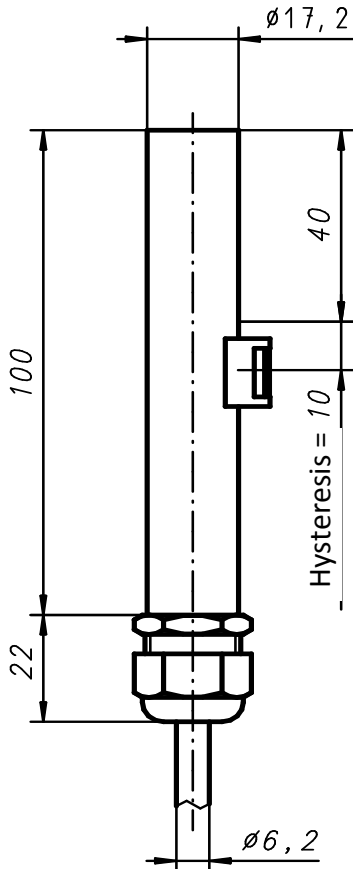


External electrical connections



- Installed opposite to indication rail
- Cable exit downwards

Dimensions



Instruction manual

Function Magnetic switch for WEKA- VLI

The magnetic switch is mounted outside of the float chamber opposite to the indication rail. The switching logic can be reversed by inverting the switch module with cable-exit upwards or by installing the switch module adjacent to the indication rail where technically authorised (see datasheet 20010501). The magnet inside the float activates the reed switch, when the liquid in the float chamber reaches that level.

Please refer to the safety guidelines.

| | | |
|---------------------|------------------------------|----------------|
| Product code | (standard) 31160-NW/3 | with 3m cable |
| | 31160-NW/5 | with 5m cable |
| | 31160-NW/10 | with 10m cable |
| | 31160-NW/20 | with 20m cable |

Switching logic

Change-over, bistable

| | | |
|-----------------------|------|------|
| Contact rating | max. | 230V |
| | max. | 1A |
| | max. | 60VA |
| | max. | 60W |

Enclosure

IP68 - 5bar (EN 60529)

Material

| | |
|--------------|---------------------------------------------|
| Housing | Stainless steel 316 /316L |
| Cable gland | Brass: nickel-plated, 4...8mm |
| Seal | Fluoroelastomere (FKM) |
| Cable | Silicone: Si-SL-O, red, \varnothing 6.2mm |
| Shield | not shielded |
| Cable cores | 3 x 0,75mm ² |
| Core colours | WH, BN, GN |
| Type label | Alu: silver, black printing |

Operating conditions

| Media temperature | Ambient temperature |
|-------------------|---------------------|
| -50°C...+350°C | -20°C...+80°C |

| | |
|---------------------|------------------------------------------------|
| Media temperature | Temperature of liquid within the float chamber |
| Ambient temperature | Temperature of air around the magnetic switch |

Fixation

When ordering level indicators with switches, hose clamps are included.
When ordering switches as spare parts, hose clamps are never included and must be ordered separately.
In case of ordering hose clamps pipe size must be indicated:

| | | | |
|-------------------|-------------------------|-------------|-------|
| For pipe diameter | 30...40mm | Article no. | 80648 |
| For pipe diameter | 40...57mm and 57...80mm | Article no. | 84043 |

Note

The switch is maintenance free.