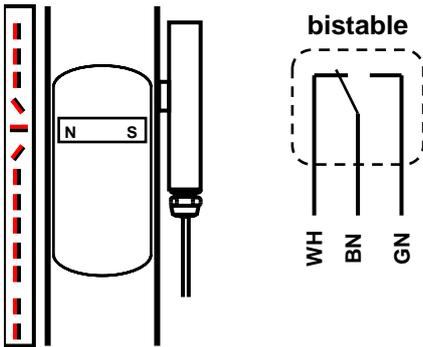
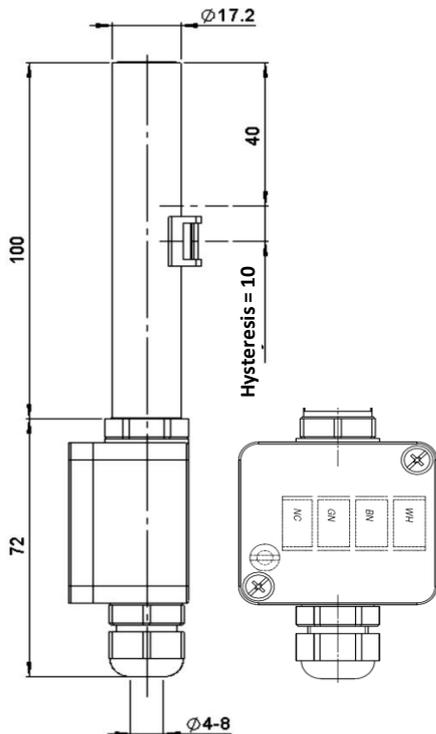


External electrical connections



- 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 31160-NB

Switching logic

Change-over, bistable

Contact rating

max. 230V  
max. 1A  
max. 60VA  
max. 60W

Enclosure

IP65, with conformal installation (EN 60529)

Material

Housing Stainless steel 316 /316L  
Terminal box Al, DIN 1725: unpainted, 45 x 50 x 30mm  
Seal Silicone (SI)  
Cable gland Brass: nickel-plated  
Insert Polyvinylidenfluorid (PVDF)  
Cable cores max. 4 x 0.5qmm  
Cable diameter 4...8mm  
Type label Alu: silver, black printing

Operating conditions

Media temperature	Ambient temperature
-50°C...+300°C	-20°C...+80°C

Media temperature  
Ambient temperature

Temperature of liquid within the float chamber  
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.