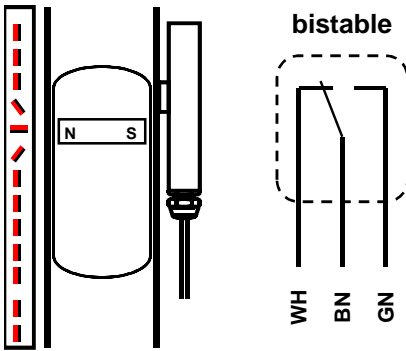


**External electrical connections**



~ Installed opposite to indication rail  
 ~ Cable exit downwards

**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.

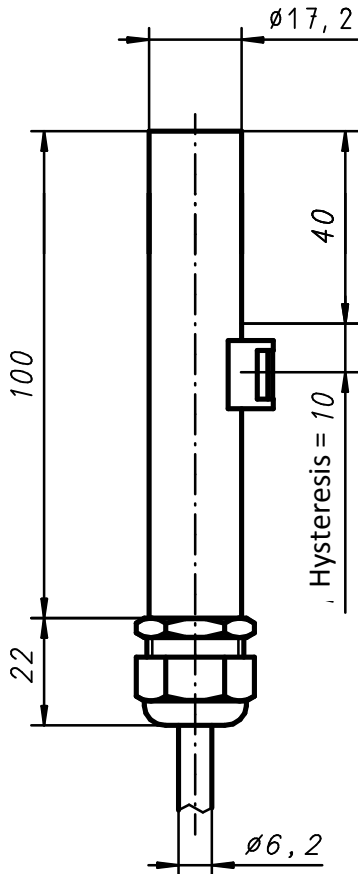
Please refer to the safety guidelines.

<b>Product code</b>	<b>(standard)</b> 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**

**Dimensions**



**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, 4ø 8mm
Seal	Fluoroelastomere (FKM)
Cable	Silicone: Si-SL-O, red, Ø 6.2mm
Shield	not shielded
Cable cores	3 x 0,75mm <sup>2</sup>
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	30ø 40mm	Article no.	80648
For pipe diameter	40ø 57mm and 57ø 80mm	Article no.	84043

**Note**

The switch is maintenance free.