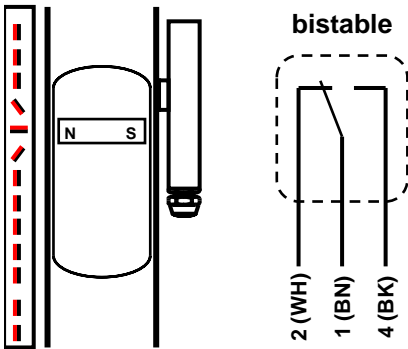
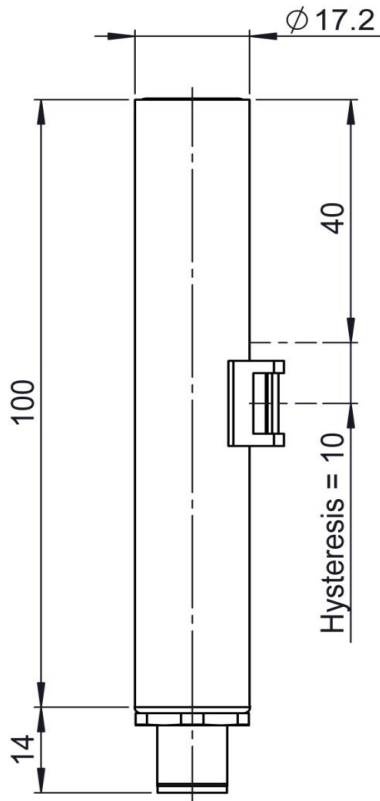


**External electrical connections**



- Installed opposite to indication rail
- Connector downwards
- ( ) colours for IEC 61076-2-101 cabeling

**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 connector 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-NP**

**Switching logic Change-over, bistable SPDT**

**Contact rating**  
 max. 230V  
 max. 1A  
 max. 60VA  
 max. 60W

**Enclosure IP68 - 5bar (EN 60529)**

**Material**  
 Housing Stainless steel 316 /316L  
 Connector M12 A, IEC 61076-2-101  
 Zinc die-cast, Nickel plated  
 PA (Polyamide)

**Type label Polyester: white, black printing**

**Operating conditions**

Media temperature	Ambient temperature
-50°C...+150°C	-20°C...+80°C

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

**Accessorie counter plug**

acc. price list  
 material PA (Polyamide), IP67  
 for cable diameter 6...8mm  
 screwed terminals 0.75qmm  
 straight or angled



**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.