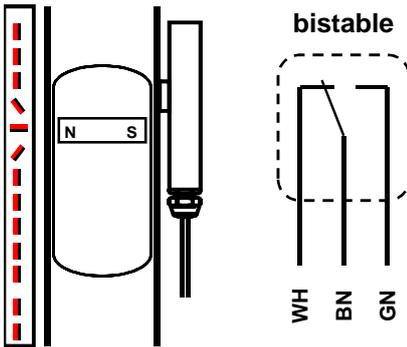


External electrical connections



~ 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.

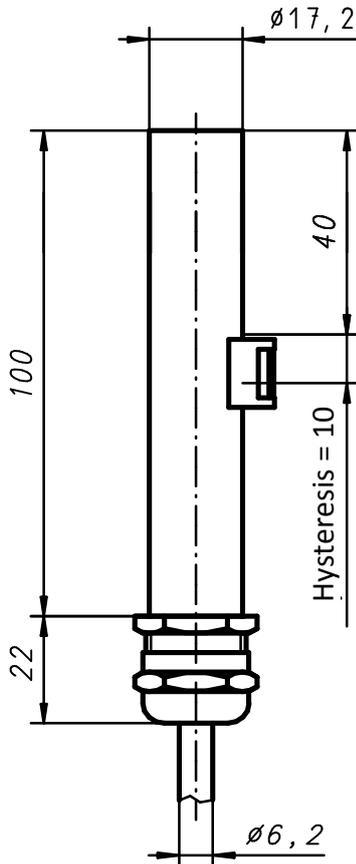
Please refer to the safety guidelines.

Product code	(standard) 31160-NS/3	with 3m cable
	31160-NS/5	with 5m cable
	31160-NS/10	with 10m cable
	31160-NS/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	Stainless steel: 1.4436, 5̄ 10mm
Seal	Fluorinated Propylene Monomere (FPM)
Cable	Silicone: Si-SL-O, red, Ø 6.2mm
Shield	not shielded
Cable cores	3 x 0,75mm ²
Core colours	WH, BN, GN
Type label	Polyester: silver, 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

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

Note

The switch is maintenance free.