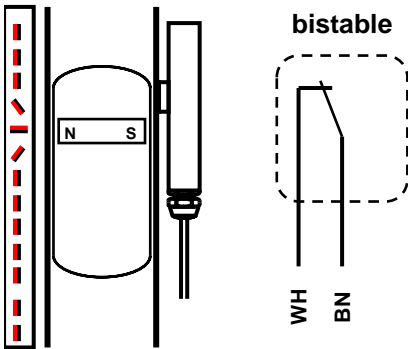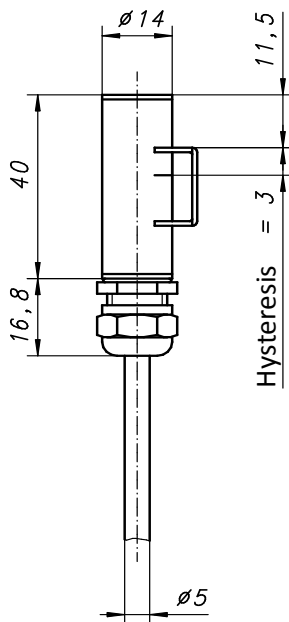## External electrical connections

bistable

- 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)		
		37557/3	with 3m cable
		37557/5	with 5m cable
		37557/10	with 10m cable
		37557/20	with 20m cable

Function		**on/off, bistable**	
Contact rating		max.	100V
		max.	0.5A
		max.	10VA
		max.	10W
On/off switch, bistable		Rhodium	
Activation speed		ca. 5ms	
Bouncing time		ca. 0.5ms	
Enclosure		IP68 - 5bar (EN 60529)	

Material

Housing	Stainless steel 316 /316L
Cable gland	Brass: nickel-plated, 3…6mm
Seal	Neoprene (CR), Perbunan (NBR)
Cable	LiYY: grey, Ø 5.2mm
Shield	not shielded
Cable cores	2 x 0,50mm²
Core colours	WH, BN
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 seperately.
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

This magnetic switch is especially developed for operation with low power,
such as control lines, serial-parallel-serial memory etc. Excessive load can destroy the switch!
Under special conditions it possibly can also be used if only very limited space is available.
The switch is maintenance free.