

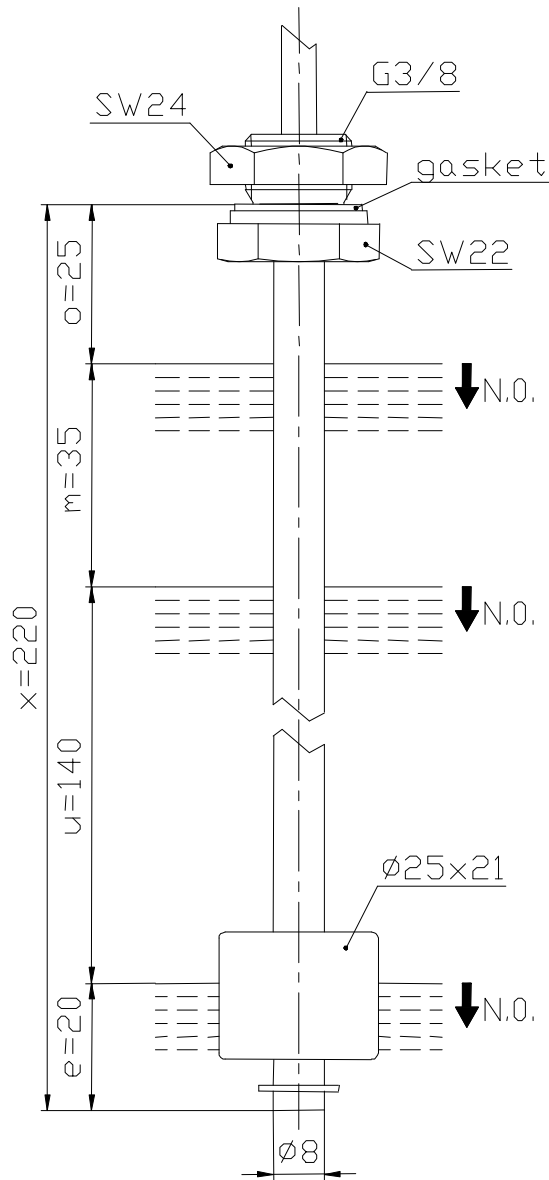
# Technical Data

## Float Switch

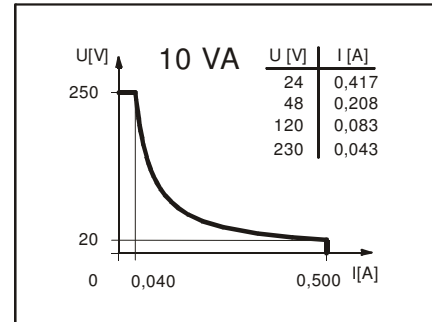
### Mini-level float switches

Description **MSK1-NI-R3/8-3S 0220**

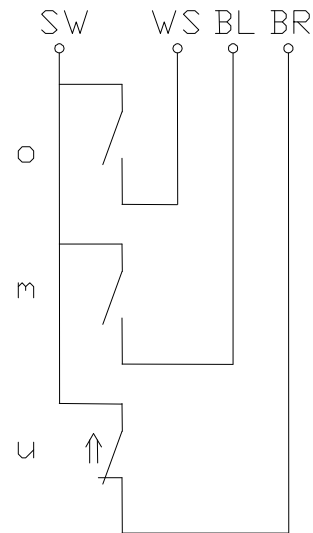
Article number **6891113009**



### Performance diagram (maximum data)



### Wiring diagram (matching to the drawing)



Subject to change without notice.

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### Mini-level float switches

Description **MSK1-NI-R3/8-3S 0220**

Article number **6891113009**

#### Electrical data

Reed contact	max. switching voltage	250 V
	max. switching current	0,5 A
	max. switching capacity	10 VA
	mechanical life	10 <sup>7</sup> to 10 <sup>9</sup> switches depending on the load
Switching element		3 normally-open contact, falling level
Direction category		AC-22A and DC-22A acc to DIN VDE 0660 T107
Standard		acc to DIN VDE 0660 T200

#### Mechanical data

Screw connection material	X6CrNiS17-12-2 (1.4571)	
Hexagon nut material	X8CrNiS18-9 (1.4305)	
Switching tube material	X6CrNiS17-12-2 (1.4571)	
Float material	PP	
	-density	about 0,55 g/cm <sup>3</sup> ±10%
	-depth of immersion	12 mm ±2 mm ( to a fluid-density of 1 g/cm <sup>3</sup> )
Grip screw material	CuSn8 (2.1030)	
Gasket material	NBR	
Ambient air temperature	-5 °C to +60 °C	
Liquid temperature	-5 °C to +60 °C	
Connection	2m cable, PVC, 4x0.34mm <sup>2</sup>	
Protection type	IP 65 acc to DIN VDE 0470 T1	
Max. pressure	5 bar	

#### General details

Repeatability of switching points is ±0,05mm based on the same geometrical conditions as of a switch device.

The measures of the switching points refer to a fluid-density of 1 g/cm<sup>3</sup>.

The tolerance of the switching points is ±2mm

Pay attention to the contact protection, when switching inductive loads. Maximum data must not be exceeded!