

# Technical Data

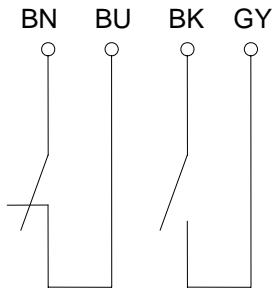
## Float Switch

### Mini-level float switches

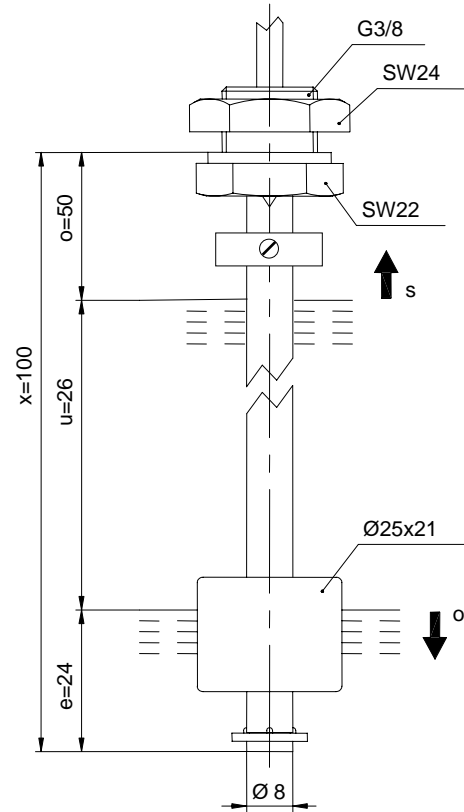
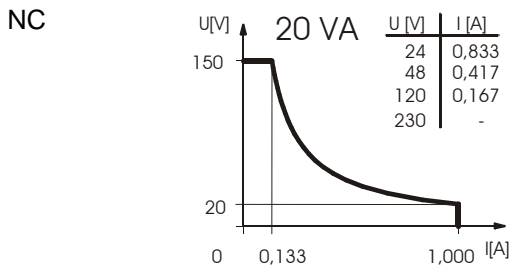
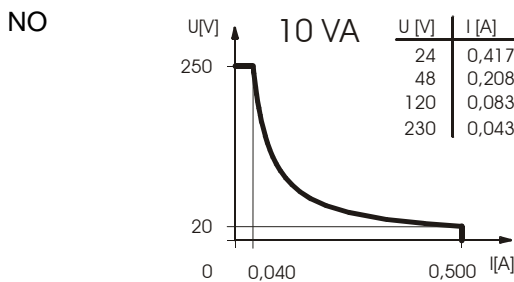
Description **MSK2-PVC-R3/8-OS 0100**

Article number **6895323005**

Wiring diagram  
(none activated condition)



Performance diagramm  
(maximum value)



### Electrical data

		NO	NC
Reed contact	max. switching voltage	250 V	150 V
	max. switching current	0.5 A	1 A
	max. switching capacity	10 VA	20 VA
	mechanical life	10 <sup>7</sup> to 10 <sup>9</sup> switches depending on the load	
Switching element		s = 1 NO, rising level	o = 1 NC, falling level

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# Technical Data

## Float Switch



### Mechanical data

Hexagon nut material	PVC
Screw connection material	PVC
Switching tube material	PVC
Float material	PVC
-density	about 0,7 g/cm <sup>3</sup> ±10%
-depth of immersion	17 mm ±2 mm ( to a fluid-density of 1 g/cm <sup>3</sup> )
Adjusting ring material	PVC
Grip ring material	PVC
Ambient air temperature	-5°C to +60°C
Liquid temperature	-5°C to +60°C
Connection	Cable 4 x 0,25 mm <sup>2</sup> x 2 m ± 5 %
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!

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