

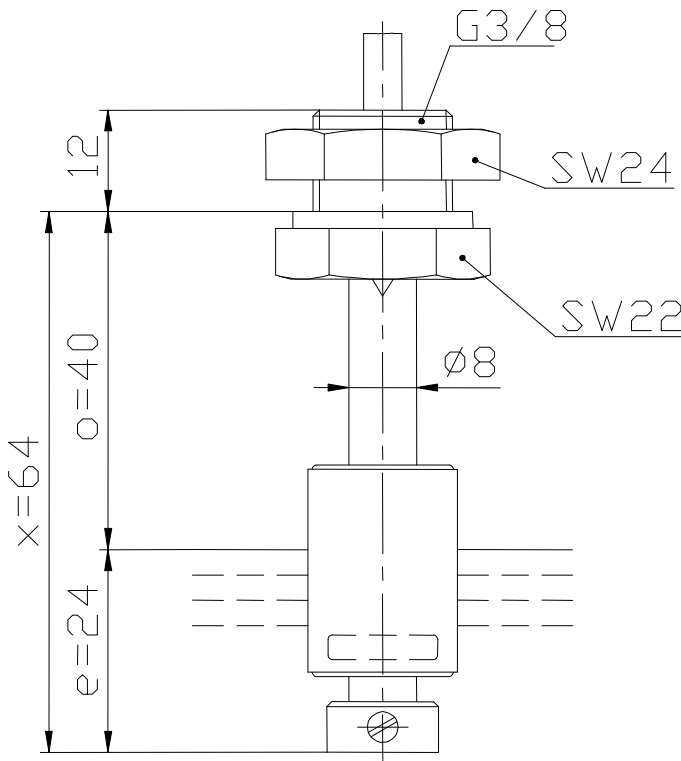
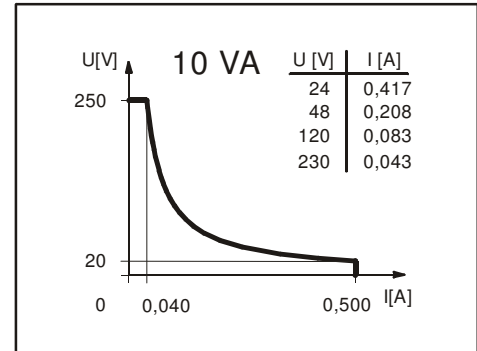
# Technical Data

## Magnetic Float Switch

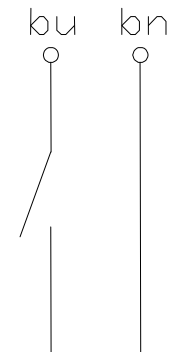
Typ: **MSK6-PVC-R3/8-S**

Art.-No.: **6891363002\_01**

### Performance diagram (maximum data)



### Wiring diagramm



### **Electrical Data (maximum data)**

contact:	max. voltage	250 V
	max. switching current	0,5 A
	max. switching capacity	10 VA
switching function	1 normally-open contact, falling level	
direction category	AC-21A and DC-21A acc. to DIN VDE 0660 T107 (IEC 947-3-1 / EN 60947-3-1)	
standard	acc. to DIN VDE 0660 T200 (IEC 947-5-1 / EN 60947-5-1)	

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# Technical Data

## Magnetic Float Switch

### Mechanical Data

hexagonal nut material	PVC
screw connection material	PVC
switching tube material	PVC
float material	NBR
-density	about 0,5 g/cm <sup>3</sup> ±10%
-immersion depth	17 mm ±2 mm ( to a fluid-density of 1 g/cm <sup>3</sup> )
grip screw material	PVC
temperature range	from -5 °C to +60 °C
fluid temperature	from -5 °C to +60 °C
mech. lifetime	10 <sup>7</sup> to 10 <sup>9</sup> switches depending on the load
mode of connection	2m cable PVC; 2x0,34mm <sup>2</sup>
protection class	IP 65 acc. to DIN VDE 0470 T1 (ICE 529 / EN 60529)
max. pressure	10 bar

### General details

Reproducibility 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-tight of 1 g/cm<sup>3</sup>.

The tolerance of the switching points is ±2 mm.

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

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