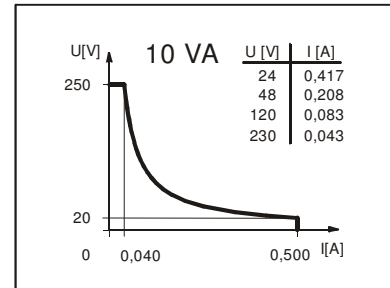
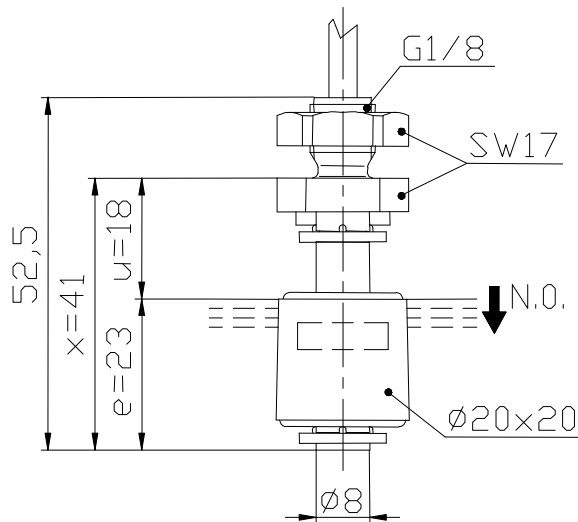


### Mini-level float switches

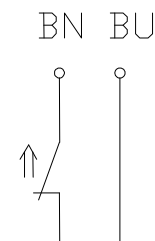
Description **MSK3-PP-R1/8-S 0040**

Article number **6891431002**

**Performance diagram**  
(maximum data)



**Wiring diagram**  
(without liquid)



### 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		1 normally open contact, falling level
Direction category		AC-21A and DC-21A acc. to DIN VDE 0660 T107
Standard		acc. to DIN VDE 0660 T200

### Mechanical data

Box material	PP	
Hexagon nut material	PP	
Float material	NBR	
	-density	about 0,74 g/cm <sup>3</sup> ±10%
	-depth of immersion	15 mm ±2 mm ( to a fluid-density of 1 g/cm <sup>3</sup> )
Grip screw material	PP	
Ambient air temperature	-5°C to +60°C	
Liquid temperature	-5°C to +60°C	
Connection	2m cable, PVC, 2x0,34mm <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!

Subject to change without notice.

Date of issue : 07.09.2007 / Page 1 of 1  
Document : 6891431002\_en.doc / Last update : 1