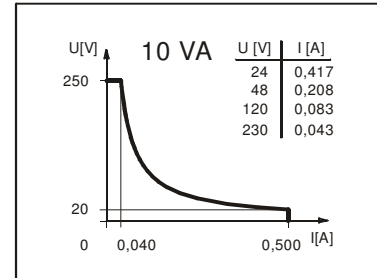
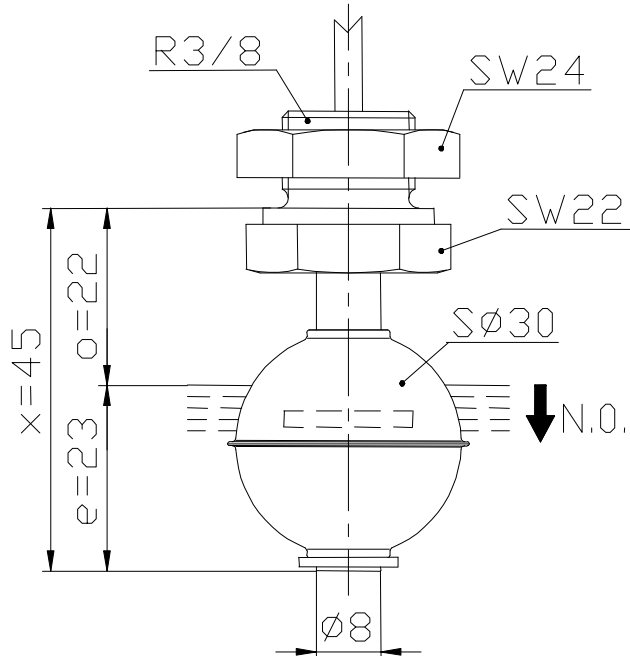


Mini-level float switches

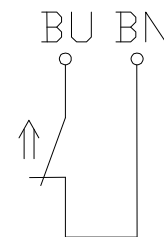
Description **MSN1-NI-R3/8-S 0045**

Article number **6891173003**

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 ⁷ to 10 ⁹ switches depending on the load
Switching element		1 Normally-open contact, falling level
		The switching function can be changed from N.O. to N.C. by turning the float up to 180°.
Direction category		AC-21A and DC-21A acc to DIN VDE 0660 T107
Standard		acc to DIN VDE 0660 T200

Mechanical data

Screw connection material	X6CrNiMoTi 17 12 2 (1.4571)	
Hexagon nut material	X10CrNiS 18 9 (1.4305)	
Switching tube material	X6CrNiMoTi 17 12 2 (1.4571)	
Float material	X6CrNiMoTi 17 12 2 (1.4571)	
	-density	about 0,65 g/cm ³ ±10%
	-depth of immersion	18 mm ±2 mm (to a fluid-density of 1 g/cm ³)
Grip screw material	X35CrMo17 (1.2316)	
Ambient air temperature	-5°C to +60°C	
Liquid temperature	-5°C to +60°C	
Connection	1m cable, PVC, 2x0,34mm ²	
Protection type	IP 65 acc to DIN VDE 0470 T1	
Max. pressure	15 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/cm³.
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.

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