

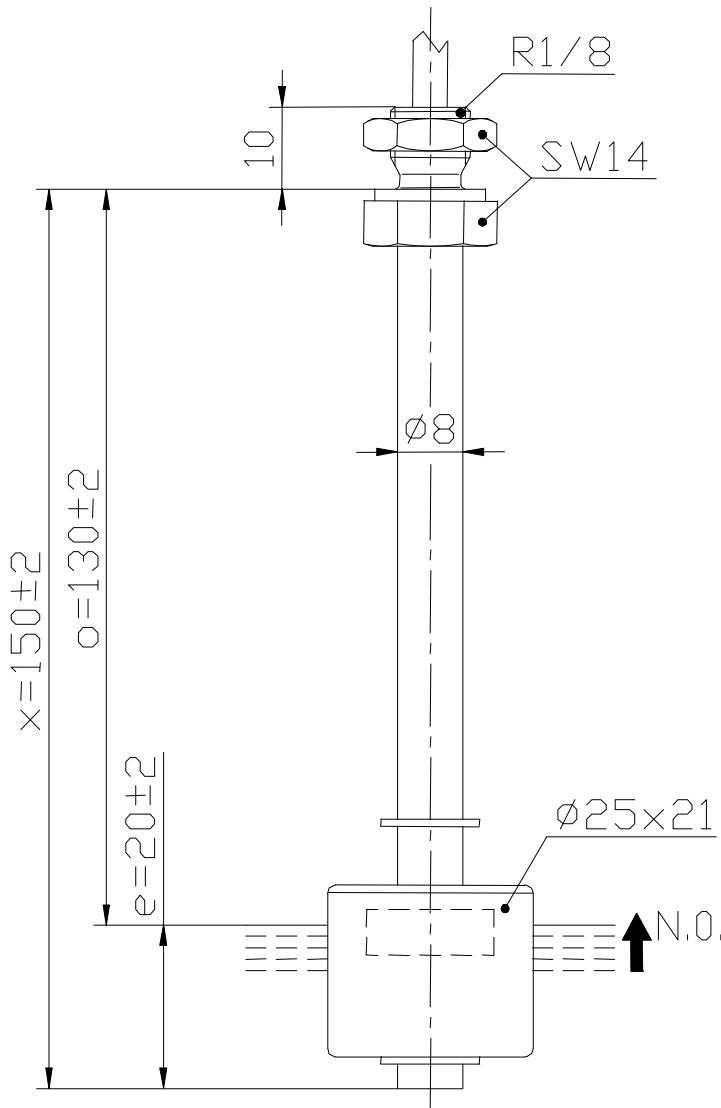
Technical Data

Float Switch

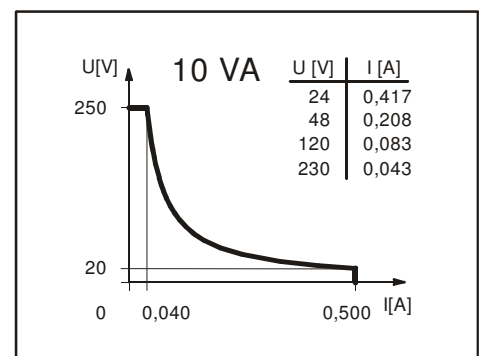
Mini-level float switches

Description **MSK1-NI-R1/8-ST 0150**

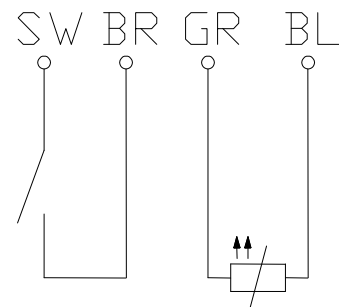
Article number **6891111003**



Performance diagram
(maximum data)



Wiring diagram
(without liquid)



Subject to change without notice.

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Mini-level float switches

Description **MSK1-NI-R1/8-ST 0150**Article number **6891111003**

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, rising level 1 temperature sensor KTY 81-210
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	X5CrNiMo17 12 2 (1.4401)	
Hexagon nut material	X10CrNiS18 9 (1.4305)	
Switching tube material	X6CrNiMoTi17 12 2 (1.4571)	
Float material	PP	
	-density	about 0,55 g/cm ³ ±10%
	-depth of immersion	12mm ±2 mm (to a fluid-density of 1 g/cm ³)
Snap-ring material	X35CrMo17 (1.4122)	
Ambient air temperature	-5°C to +60°C	
Liquid temperature	-5°C to +60°C	
Connection	0,5m cable, PVC, 4x0,25mm ²	
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/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!