

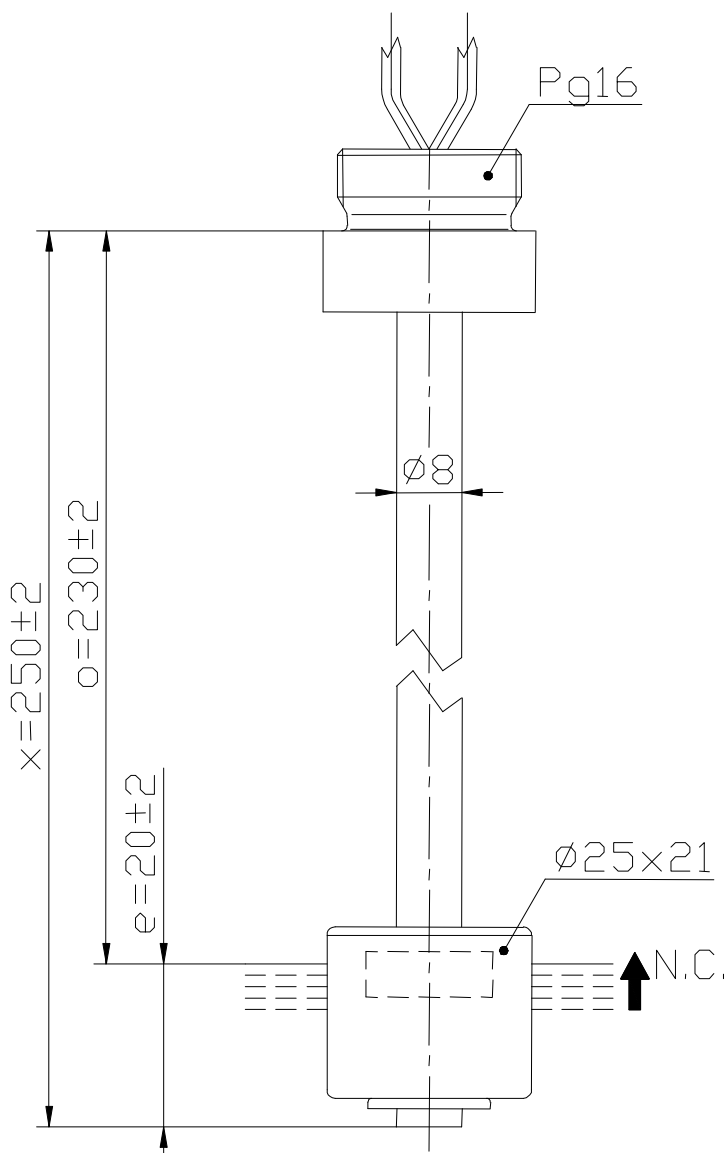
# Technical Data

## Float Switch

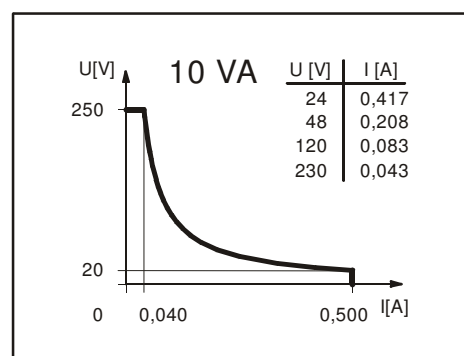
### Mini-level float switches

Description **MSK1-NI-PG16-O 0250**

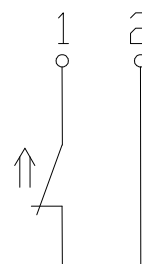
Article number **6891110009**



### Performance diagram (maximum data)



### Wiring diagram (without liquid)



Subject to change without notice.

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### Mini-level float switches

Description **MSK1-NI-PG16-O 0250**

Article number **6891110009**

#### Electrical data

Reed contact	max. switching voltage	250 V
	max. switching current	0,5 A
	max. switching capacity	30 VA
	mechanical life	10 <sup>7</sup> to 10 <sup>9</sup> switches depending on the load
Switching element		1 normally closed contact, rising level
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	PVC
Switching tube material	X6CrNiMoTi17 12 2 (1.4571)
Float material	PP
-density	about 0,55 g/cm <sup>3</sup> ±10%
-depth of immersion	12mm ±2 mm ( to a fluid-density of 1 g/cm <sup>3</sup> )
Lock washer material	X6CrNiMoTi17 12 2 (1.4571)
Grip screw material	PVC
Ambient air temperature	-5°C to +60°C
Liquid temperature	-5°C to +60°C
Connection	120mm strand, PVC yellow, 0,5mm <sup>2</sup> with cable end sleeves acc. to DIN 46228 part 4, white, normal size 8
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!