

Technical Data

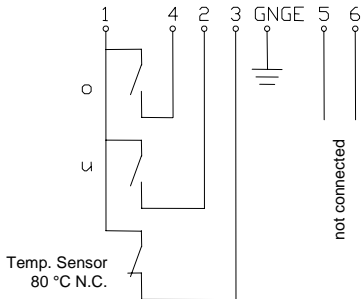
Float Switch

Mini-level float switches

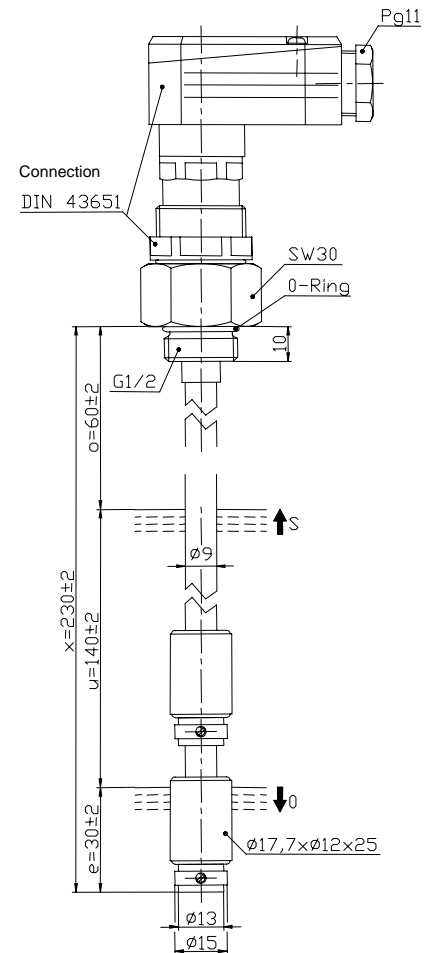
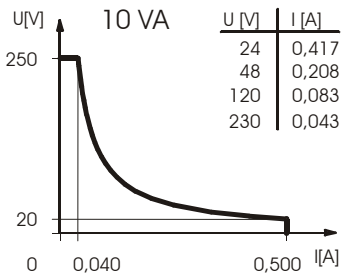
Description **MSK6-MS-R1/2ST-SO-T80-O 0230**

Article number **6891260010**

Wiring diagram
(none activated condition)



Performance diagramm
(maximum value)



Electrical data

Reedcontact	N.O.
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
Temp. Sensor	max. switching voltage 250 V
	max. switching current 2,5 A
	max. operating cycle 10000
	Switching temperature range 80°C N.C.
	Standard hysteresis ±5°C
	Standard restoring temperature 50°C ±15°C
Output function (pictured)	1 NO, rising level 1 NC, falling level 1 Temp. Sensor, N.C. 80°C
Protection class	I

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Technical Data

Float Switch



Mechanical data

Flange material	CuZn39Pb3 (2.0401)
Switching tube material	CuZn37 (2.0321)
Float material	NBR
-density	about 0,5 g/cm ³ ±10%
-depth of immersion	18 mm ±2 mm (to a fluid-density of 1 g/cm ³)
Adjusting ring material	CuZn39Pb3 (2.0401)
Gasket material	NBR
Ambient air temperature	-5°C ... +85°C
Liquid temperature	-5°C ... +90°C
Connection	Connector DIN 43650
Protection type	IP 65 acc. to DIN VDE 0470 T1 (only in fully locked position with it's plugs and cable)
Max. pressure	5 bar

General details

Repeatability of switching points is $\pm 0,05$ mm 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 ± 2 mm

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

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