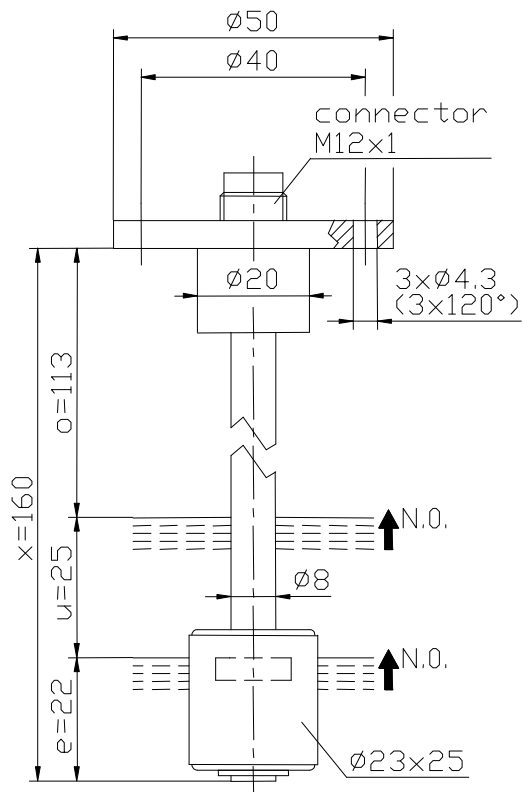


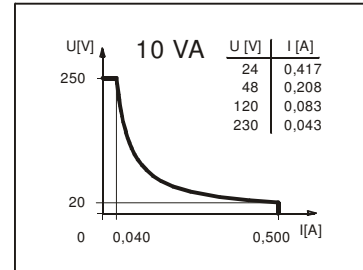
Mini-level float switches

Description **MSK4-MS-FL50-2S 0160**

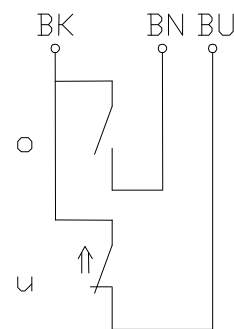
Article number **6891240006**



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		2 normally open 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

Flange material	PVC
Switching tube material	CuZn37 (2.0321)
Float material	NBR
-density	about 0,6 g/cm ³ $\pm 10\%$
-depth of immersion	16 mm ± 2 mm (to a fluid-density of 1 g/cm ³)
Grip screw material	CuSn8 (2.1030)
Ambient air temperature	-5°C to +60°C
Liquid temperature	-5°C to +60°C
Connection	connector M12x1
Protection type	IP 65 acc to DIN VDE 0470 T1
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!

Subject to change without notice.