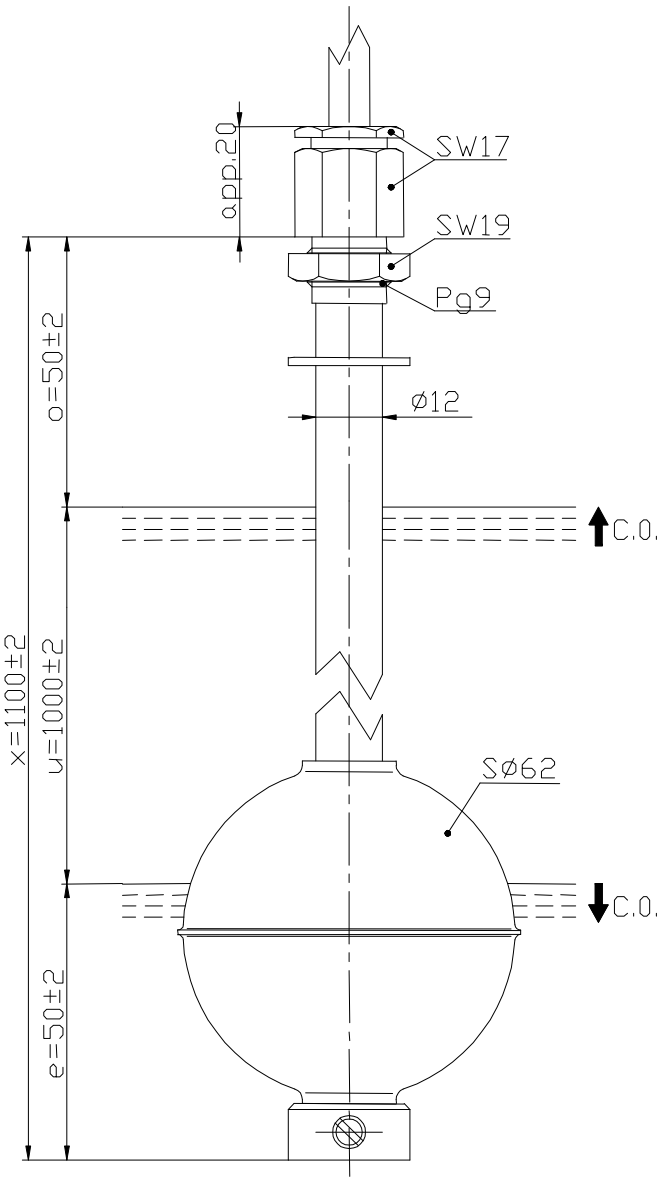
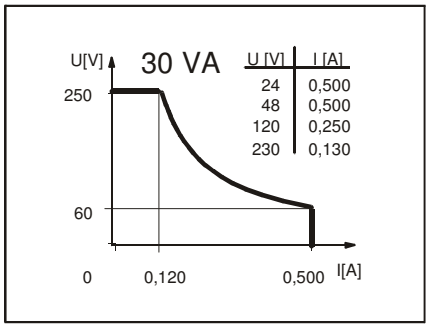
Technical Data
Float Switch

Standard float switches

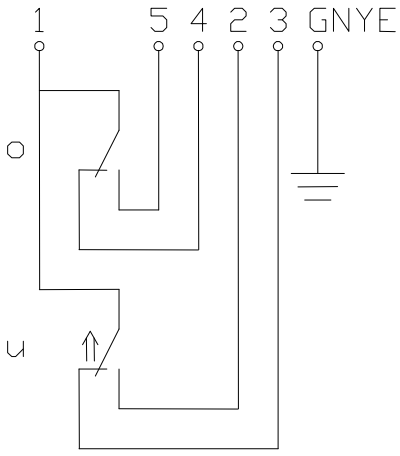
Description **MAB-723 KVS 1100** Article number **6825141024**



Performance diagram
(maximum data)



Wiring diagram
(matching to the drawing)



Subject to change without notice.

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Vorlage : 0850174280 Orig. 2

Technical Data
Float Switch

BERNSTEIN safe solutions

Standard float switches

Description **MAB-723 KVS 1100** Article number **6825141024**

Electrical data

Reed contact	max. switching voltage	250 V
	max. switching current	0,5 A
	max. switching capacity	30 VA
	mechanical life	10^7 to 10^9 switches depending on the load
Switching element		1 change over contact, falling level
		1 change over 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

Female material	X6CrNiMoTi17-12-2 (1.4571)
Screw connection material	X2CrNiMo17-12-2 (1.4404)
Hexagon nut material	X6CrNiMoTi17-12-2 (1.4571)
Switching tube material	X6CrNiMoTi17-12-2 (1.4571)
Float material	X6CrNiMoTi17-12-2 (1.4571)
-density	about 0,52 g/cm³ ±10%
-depth of immersion	33 mm ±2 mm (to a fluid-density of 1 g/cm³)
Grip Ring Material	X35CRMO17
Adjusting ring material	X6CrNiMoTi17-12-2 (1.4571)
Gasket material	X6CrNiMoTi17-12-2 (1.4571)
Ambient air temperature	-5°C to +60°C
Liquid temperature	-5°C to +60°C
Connection	6m cable, PVC-GR, 6x0.5mm²
Protection type	IP 65 acc. to DIN VDE 0470 T1
Max. pressure	10 bar

General details

Repeatabaility 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^3.
The tolerance of the switching points is ±2mm
Pay attention to the contact protection, when switching inductive loads. Maximum data must not be exceeded!

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