

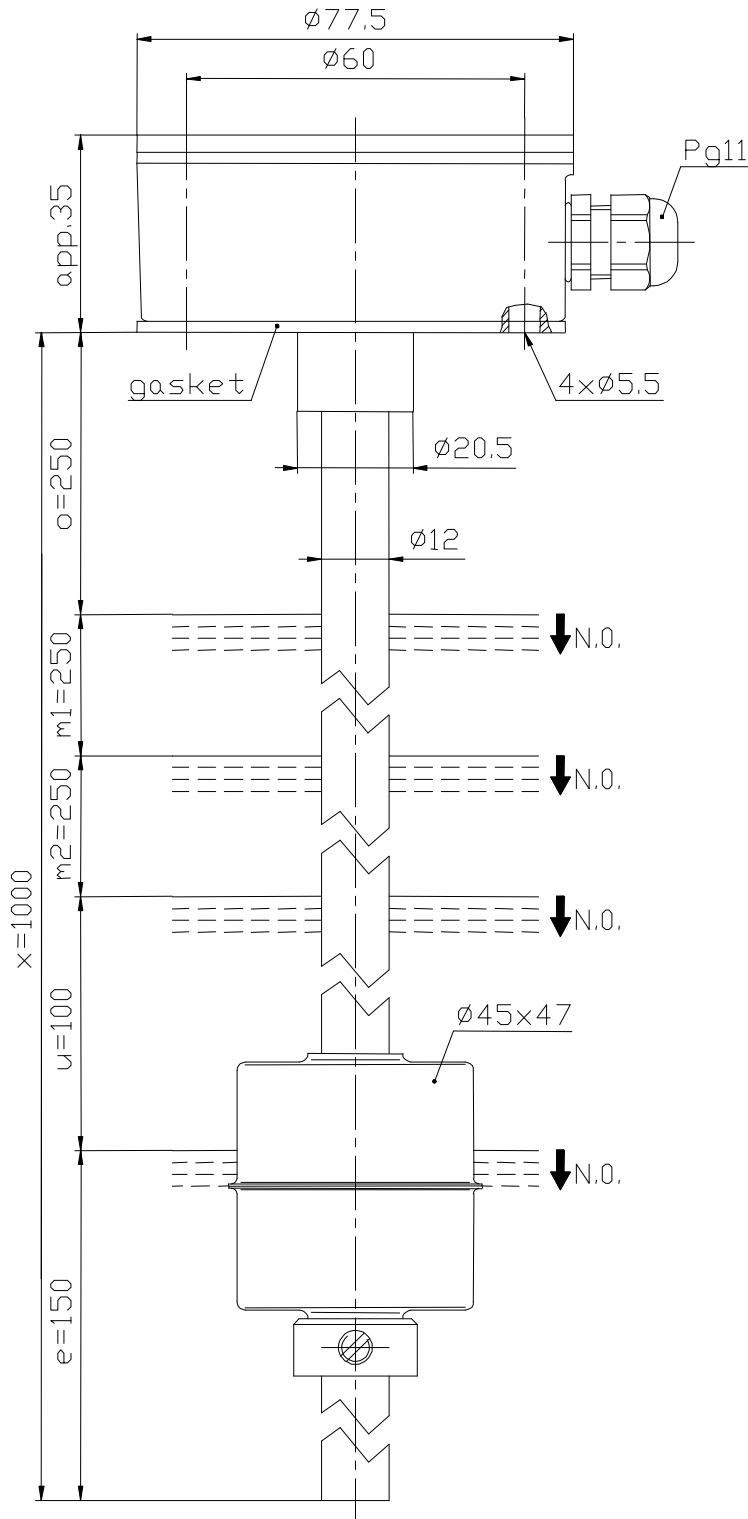
Technical Data

Float Switch

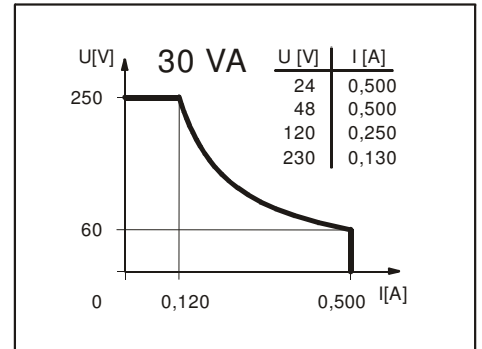
Standard float switches

Description **MAN-742 KSS 1000**

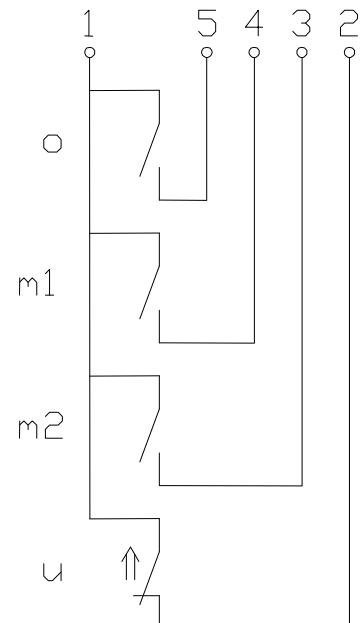
Article number **6845125092**



Performance diagram (maximum data)



Wiring diagram (without liquid)



Subject to change without notice.

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Standard float switches

Description **MAN-742 KSS 1000** Article number **6845125092**

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		4 normally open contact, falling level
Direction category		AC-21A and DC-21A acc. to DIN VDE 0660 T107
Standard		acc. to DIN VDE 0660 T200

Mechanical data

Box material		GK-AISI12 (3.2581.02)
Switching tube material		X6CrNiMoTi17-12-2 (1.4571)
Float material		X6CrNiMoTi17-12-2 (1.4571)
	-density	about 0,7 g/cm ³ ±10%
	-depth of immersion	18 mm ±2 mm (to a fluid-density of 1 g/cm ³)
Adjusting ring material		X6CrNiMoTi17-12-2 (1.4571)
Gasket material		NBR
Ambient air temperature		-5°C to +60°C
Liquid temperature		-5°C to +60°C
Connection		connecting block inside the terminal box
Protection type		IP 65 acc. to DIN VDE 0470 T1
Max. pressure		15 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!