

# Technical Data

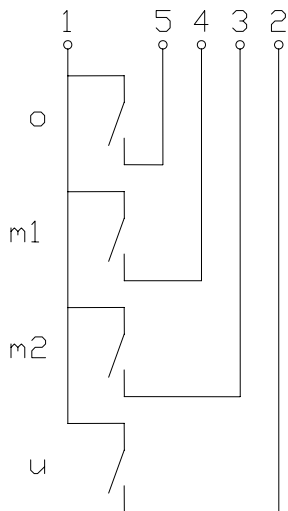
## Float Switch

### Standard float switches

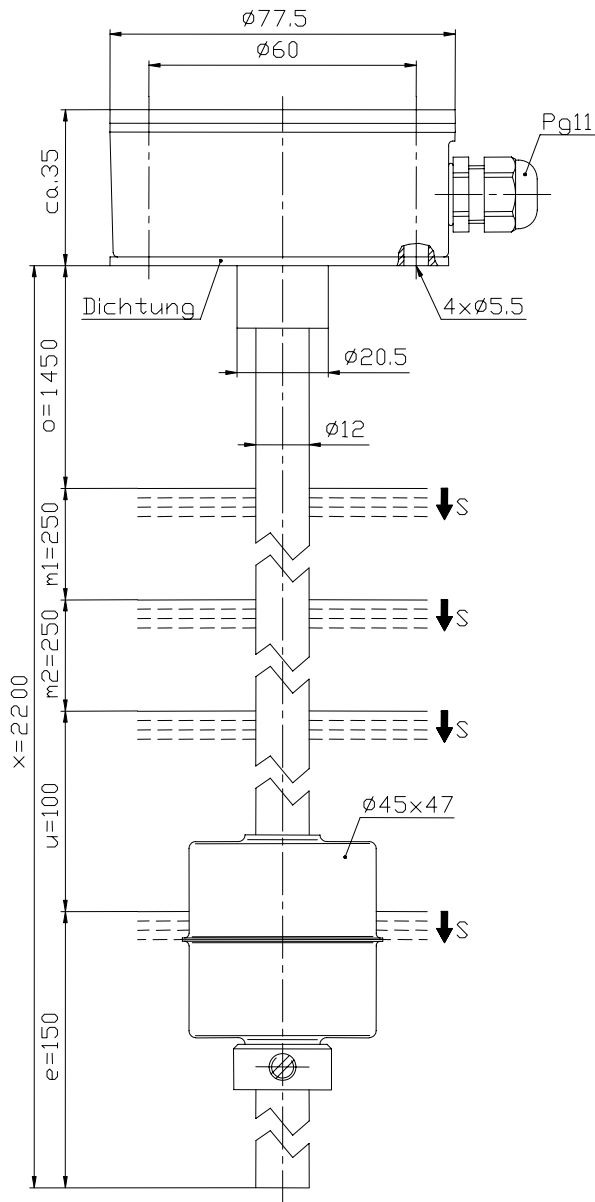
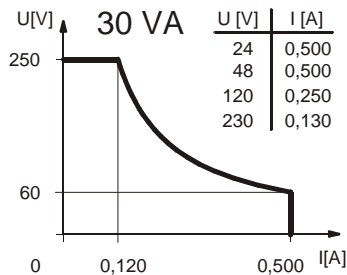
Description **MAN-742 KSS 2200**

Article number **6845125093**

Wiring diagram  
(none activated condition)



### Performance diagram



### 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 x N.O., falling level

Subject to change without notice.

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## Float Switch



### 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 <sup>3</sup> ±10 %
-depth of immersion	33 mm ±2 mm ( to a fluid-density of 1 g/cm <sup>3</sup> )
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	10 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!

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