

Technical Data

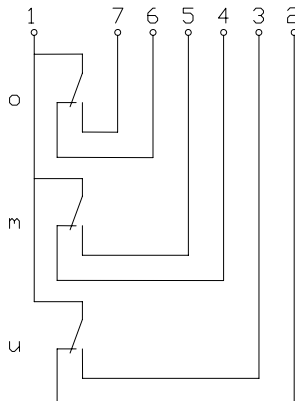
Float Switch

Standard float switches

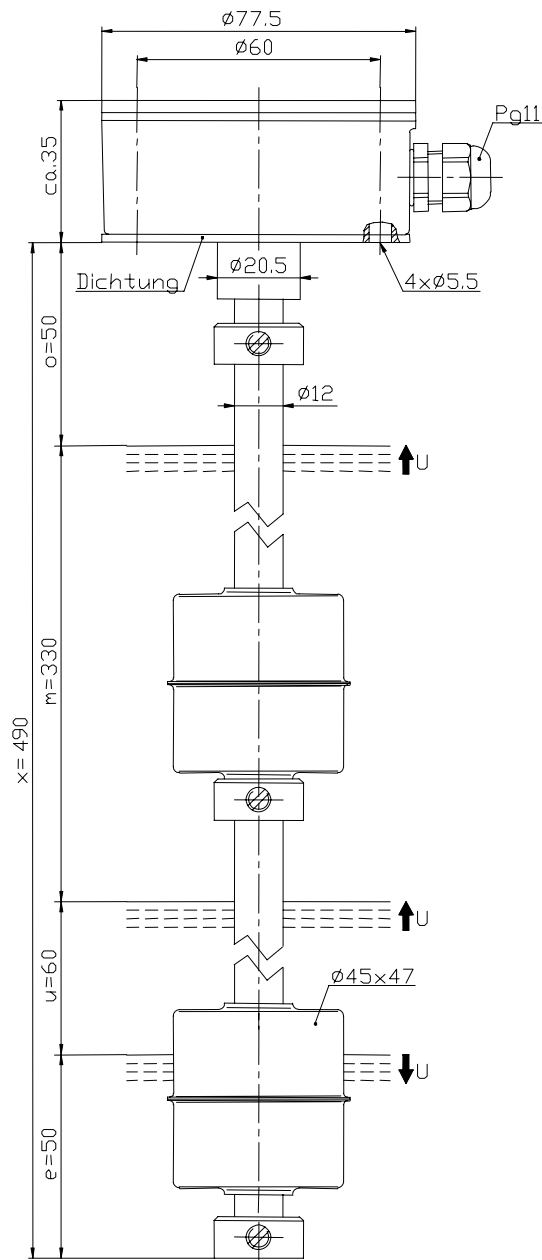
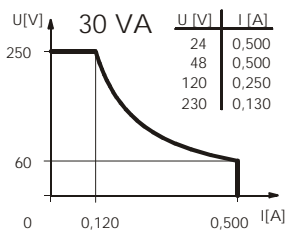
Description **MAN-733 KSS 0490**

Article number **6835125105**

Wiring diagram



Performance diagram



Electrical data

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	2 x change over contact, rising level 1 x change over contact, falling level
Protection class	I

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Technical Data

Float Switch



Mechanical data

enclosure material	GK-AISI12 (3.2581.02)
Screw connection material	PA
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 +120°C
Liquid temperature	-5°C to +120°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 $\pm 0,05\text{mm}$ 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/cm^3 .
The tolerance of the switching points is $\pm 2\text{mm}$
Pay attention to the contact protection, when switching inductive loads. Maximum data must not be exceeded!

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