

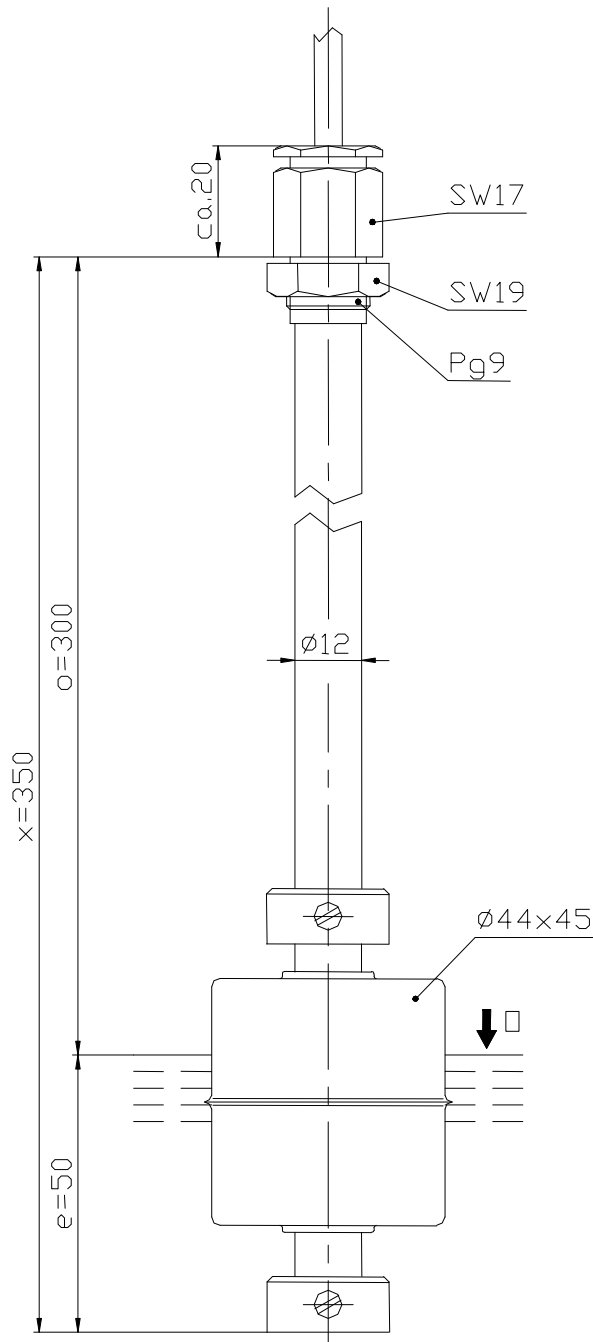
Technical Data

Float Switch

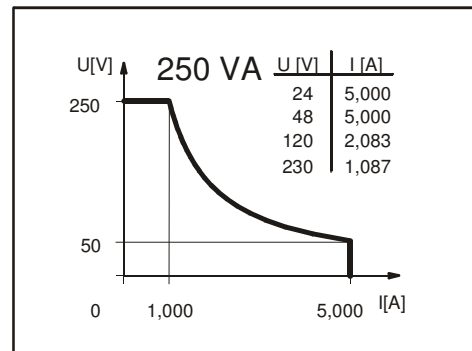
Standard float switches

Description **MAN-711 PVS**

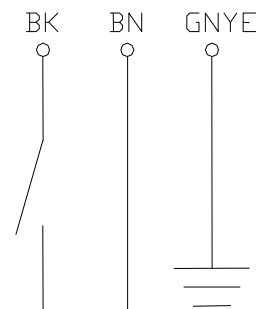
Article number **6810121006**



Performance diagram (maximum data)



Wiring diagram



Subject to change without notice.

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Standard float switches

Description **MAN-711 PVS** Article number **6810121006**

Electrical data

Reed contact	max. switching voltage	250 V
	max. switching current	5,0 A
	max. switching capacity	250 VA
	mechanical life	10 ⁷ to 10 ⁹ switches depending on the load
Switching element		1 normally closed contact, falling level
Direction category		AC-22A and DC-22A acc to DIN VDE 0660 T107
Standard		acc to DIN VDE 0660 T200

Mechanical data

Screw connection material	X 6 CrNiMoTi 17 12 2 (1.4571)	
Hexagon nut material	X 6 CrNiMoTi 17 12 2 (1.4571)	
Switching tube material	X 6 CrNiMoTi 17 12 2 (1.4571)	
Float material	X 6 CrNiMoTi 17 12 2 (1.4571)	
	-density	about 0,7 g/cm ³ ±10%
	-depth of immersion	32 mm ±2 mm (to a fluid-density of 1 g/cm ³)
Adjusting ring material	X 6 CrNiMoTi 17 12 2 (1.4571)	
Ambiente air temperature	-5°C bis +150°C	
Medium temperature	-5°C bis +150°C	
Connection	2m cablel, silicone, 3x 0,75 mm ²	
Protection type	IP 65 acc to DIN VDE 0470 T1	
Max. pressure	15 bar	

General details

Reproducibility 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-tight 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!