

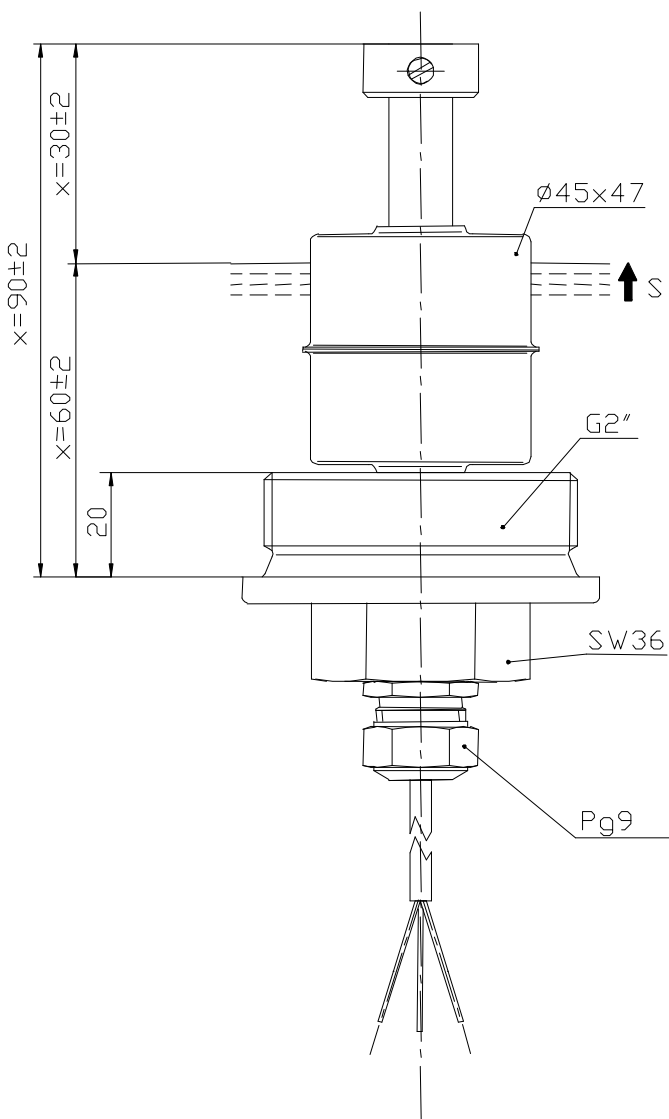
Technical Data

Float Switch

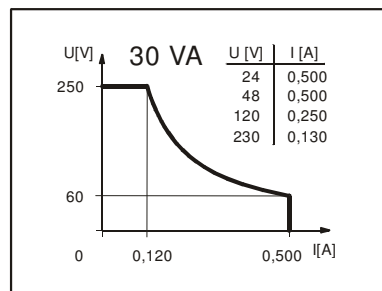
Standard float switches

Description **MAN-712 KR2,0S 0090**

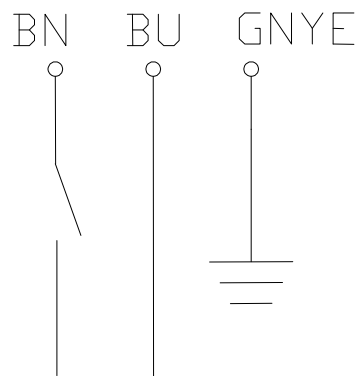
Article number **6815129005**



Performance diagram (maximum data)



Wiring diagram (without liquid)



Subject to change without notice.

Standard float switches

Description **MAN-712 KR2,0S 0090** Article number **6815129005**

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 normally open 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

Screw connection material G2	X6CrNiMoTi17 12 2 (1.4571)	
Screw connection material Pg9	X8CrNiS18-9 (1.4305)	
Switching tube material	X6CrNiMoTi17 12 2 (1.4571)	
Float material	X6CrNiMoTi17 12 2 (1.4571)	
	-density	about 0,65 g/cm ³ ±10%
	-depth of immersion	32 mm ±2 mm (to a fluid-density of 1 g/cm ³)
Adjusting ring material	X6CrNiMoTi17 12 2 (1.4571)	
Ambient air temperature	-5°C to +150°C	
Liquid temperature	-5°C to +150°C	
Connection	1m Cable SiI-BK 3x0,75	
Protection type	IP 68 acc to DIN VDE 0470 T1	
Max. pressure	5 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!