

Technical Data

Float Switch

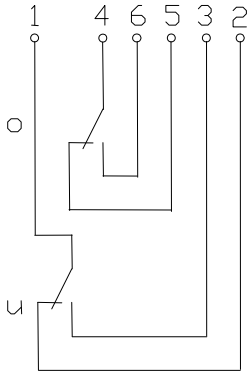
Standard float switches

Description **MAA-723 KSS 0179**

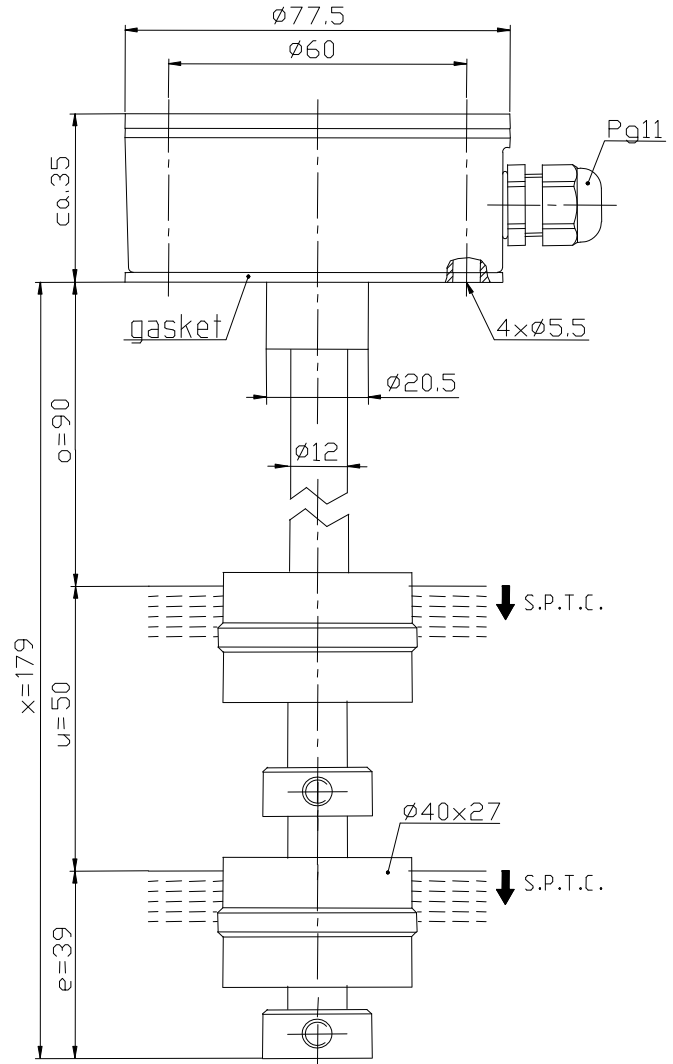
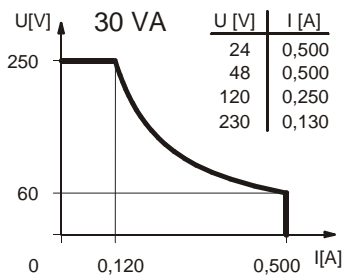
Article number **6825105022**

Wiring diagram

(non activated condition)



Performance diagram



Characteristic features in accordance with DIN EN 60947-5-1

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	2x S.P.T.C. , falling level
Protection class	I

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Mechanical data

Terminal box material	GK-AISI12 (3.2581.02)
Switching tube material	X6CrNiMoTi17-12-2 (1.4571)
Float material	POM
-density	about 0,7 g/cm ³ ±10%
-depth of immersion	18 mm ±2 mm (to a fluid-density of 1 g/cm ³)
Gasket material	NBR
Adjusting ring material	X6CrNiMoTi17-12-2 (1.4571)
Ambient air temperature	-5°C to +60°C
Liquid temperature	-5°C to +60°C
Connection	connection block inside the terminal box
Protection type	IP 65 acc to IEC 529 / EN 60529
Max. pressure	5 bar

EC Conformity

acc. to directive 2006 / 95 / EC

General details

Repeatability of switching points is ±0,05mm based on the same geometrical conditions as of a switch device.

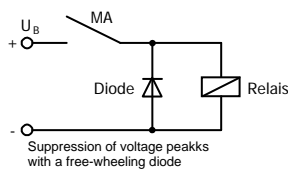
The measures of the switching points refer to a fluid-density of 1 g/cm³.

The tolerance of the switching points is ±2mm

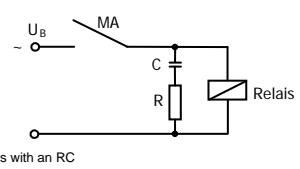
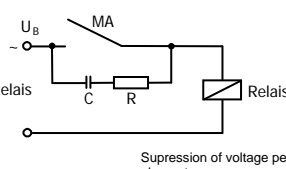
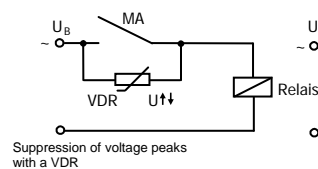
Pay attention to the contact protection, when switching inductive or capacitive loads. Maximum data must not be exceeded!

Inductive loads

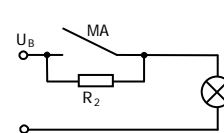
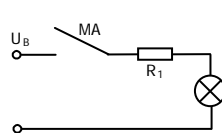
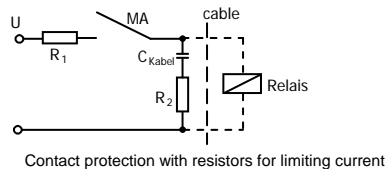
direct current voltage



alternating voltage



Capacitive loads and lamp loads



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