

Technical Data

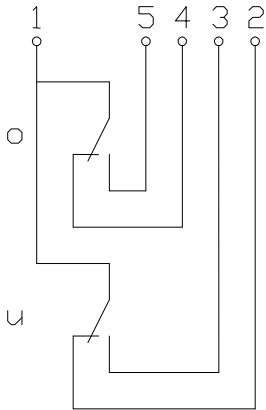
Float Switch

Standard float switches

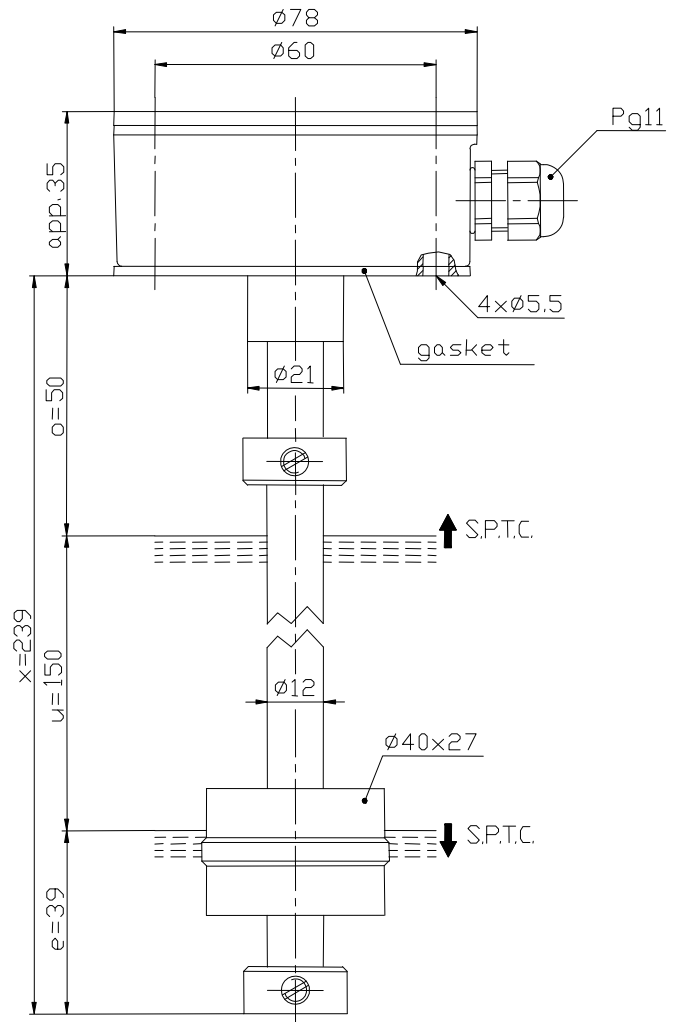
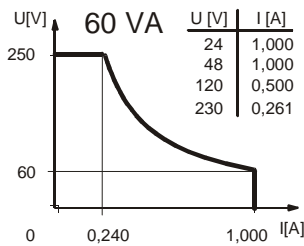
Description **MAA-723 LSS 0239**

Article number **6826105412**

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	1,0 A
max. switching capacity	60 VA
mechanical life	10^7 to 10^9 switches depending on the load
Switching element	1 x change-over contact , rising level 1 x change-over contact , falling level
Protection class	I

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Mechanical data

Terminal box material	GD–AlSi12 (3.2581.05)
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)
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 IEC529 / EN 60529
Max. pressure	10 bar

EC Conformity

acc. to Directive 2006/95/EC

General details

Repeatability of switching points is $\pm 0,05\text{mm}$ based on the same geometrical conditions as of a switch device.

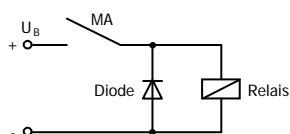
The measures of the switching points refer to a fluid-density of 1 g/cm³.

The tolerance of the switching points is $\pm 2\text{mm}$

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

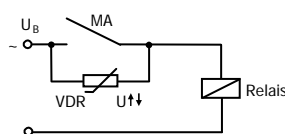
Inductive loads

Direct current

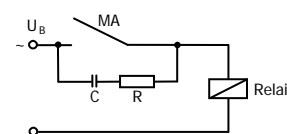


Suppression of voltage peaks with a free-wheeling diode

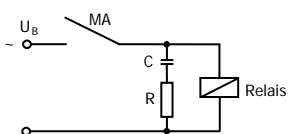
Alternating voltage



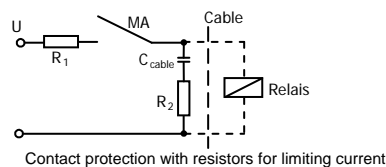
Suppression of voltage peaks with a VDR



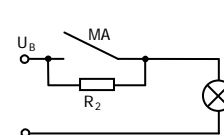
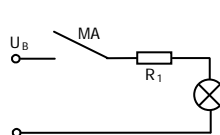
Suppression of voltage peaks with an RC element



Capacitive loads and lamp loads



Contact protection with resistors for limiting current



Delimon.ID-Nr: 39161SXXX

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