

Technical Data

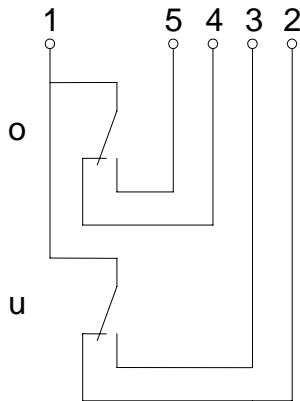
Float Switch

Standard float switches

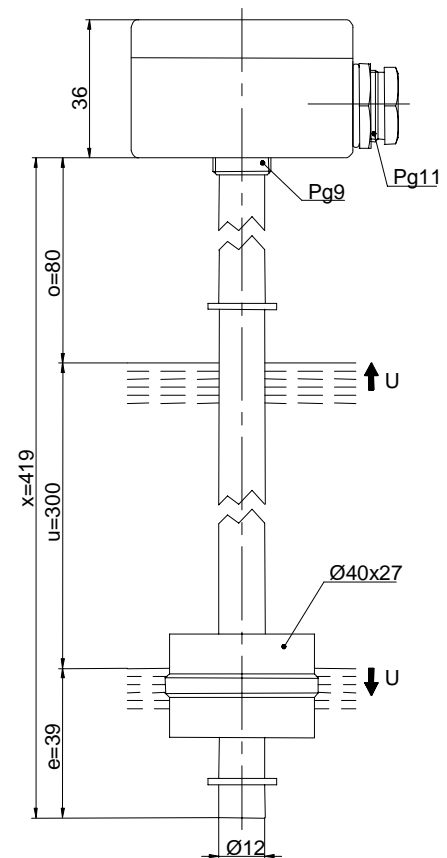
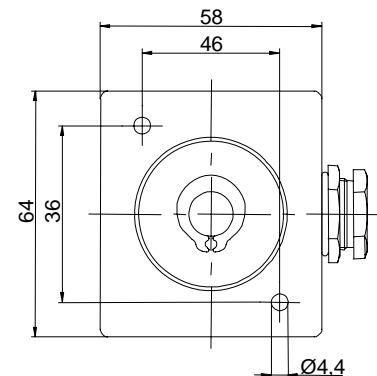
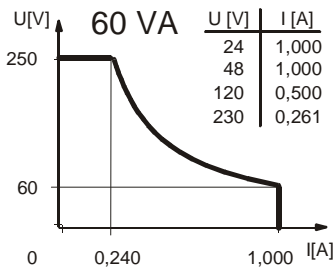
Description **MAM-723 LYS 0419**

Article number **6826210053**

Wiring diagram
(non activated condition)



Performance diagram



Characteristic features in accordance with EN 60947-1 und EN 62246-1

Electrical data

max. switching voltage	250 V
max. switching current	1,0 A
max. switching capacity	60 VA
min. switching capacity	3 VA
mechanical life	10 ⁷ to 10 ⁹ switches depending on the load
Switching element	1 change over, rising level 1 change over, falling level
Protection class	I

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Mechanical data

Flange material	GD-AISI12 (3.2582.05)
Switching tube material	CuZn37 (CW508L)
Float material	POM
-density	$\approx 0,7 \text{ g/cm}^3 \pm 10\%$
-depth of immersion	18 mm ± 2 mm (bei Dichte 1 g/cm ³)
Adjusting ring material	CuSn8 (CW453K)
Gasket material	NBR
Ambient air temperature	-5°C ... +60°C
Liquid temperature	-5°C ... +60°C
Connection	connecting block inside the terminal box
Protection type	IP 65 acc to IEC529 / EN 60529
max. pressure	10 bar

EU 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/cm^3 .

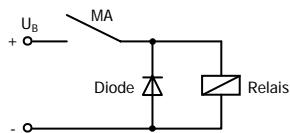
The tolerance of the switching points is $\pm 2\text{mm}$.

Maximum data must not be exceeded!

Pay attention to the contact protection, when switching inductive and capacitive loads!

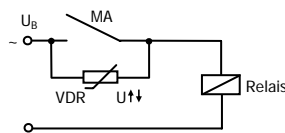
Inductive loads

Direct current

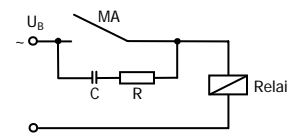


Suppression of voltage peaks with a free-wheeling diode

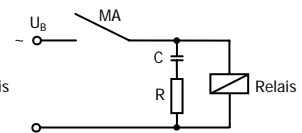
Alternating voltage



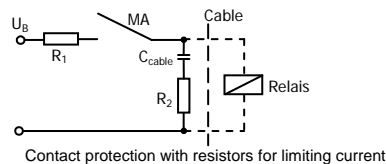
Suppression of voltage peaks with a VDR



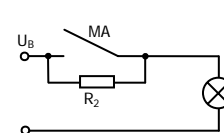
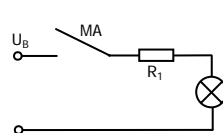
Suppression of voltage peaks with an RC element



Capacitive loads and lamp loads



Contact protection with resistors for limiting current



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