

# Technical Data

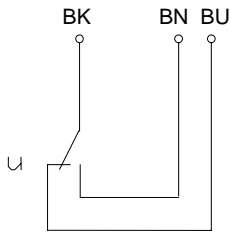
## Float Switch

### Standard float switches

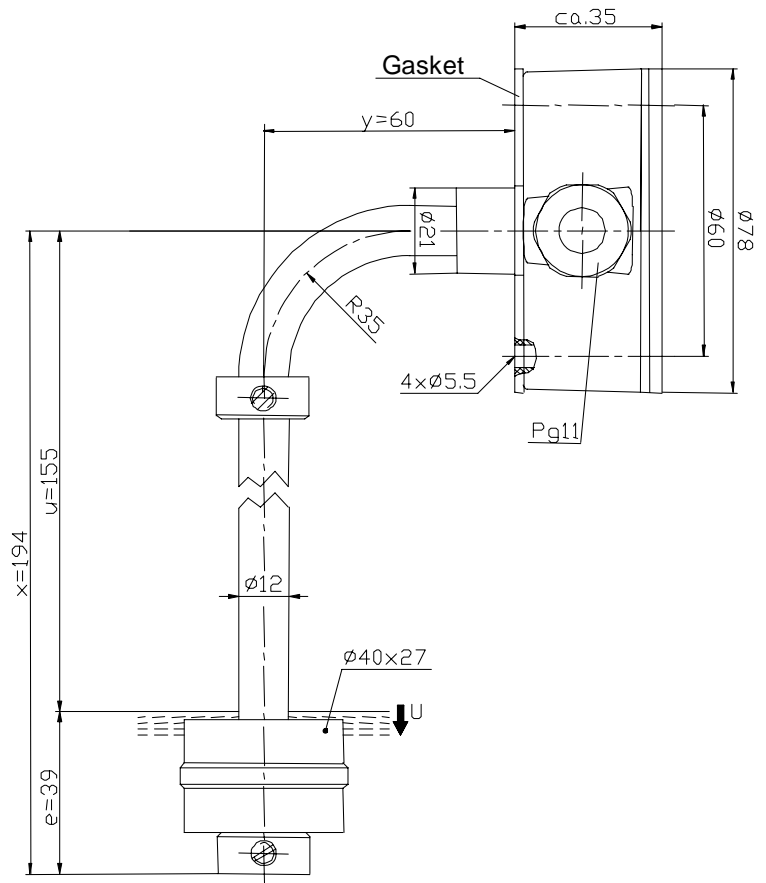
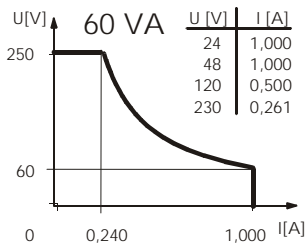
Description **MAA-713 LBS 0194**

Article number **6816115016**

Wiring diagram  
(none activated condition)



Performance diagram



#### 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 <sup>7</sup> to 10 <sup>9</sup> switches depending on the load
Switching element	1 change over contact, falling level
Protection class	I

#### 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 <sup>3</sup> ±10%
-depth of immersion	18 mm ±2 mm ( to a fluid-density of 1 g/cm <sup>3</sup> )
Adjusting ring material	X6CrNiMoTi17-12-2 (1.4571)
Gasket material	NBR
Ambient air temperature	-5°C bis +60°C
Liquid temperature	-5°C bis +60°C
Connection	connection 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

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### 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  $1\text{ g/cm}^3$ .

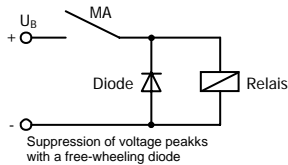
The tolerance of the switching points is  $\pm 2\text{mm}$

Maximum data must not be exceeded!

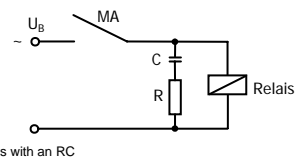
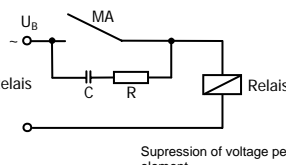
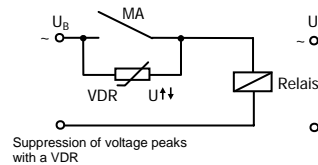
Pay attention to the contact protection, when switching inductive or capacitive loads. Maximum data must not be exceeded!

### Inductive loads

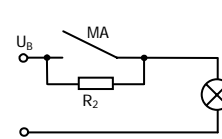
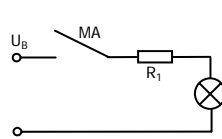
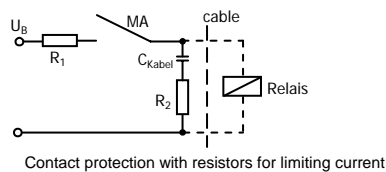
direct current voltage



alternating voltage



### Capacitive loads and lamp loads



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