

Technical Data

Float Switch

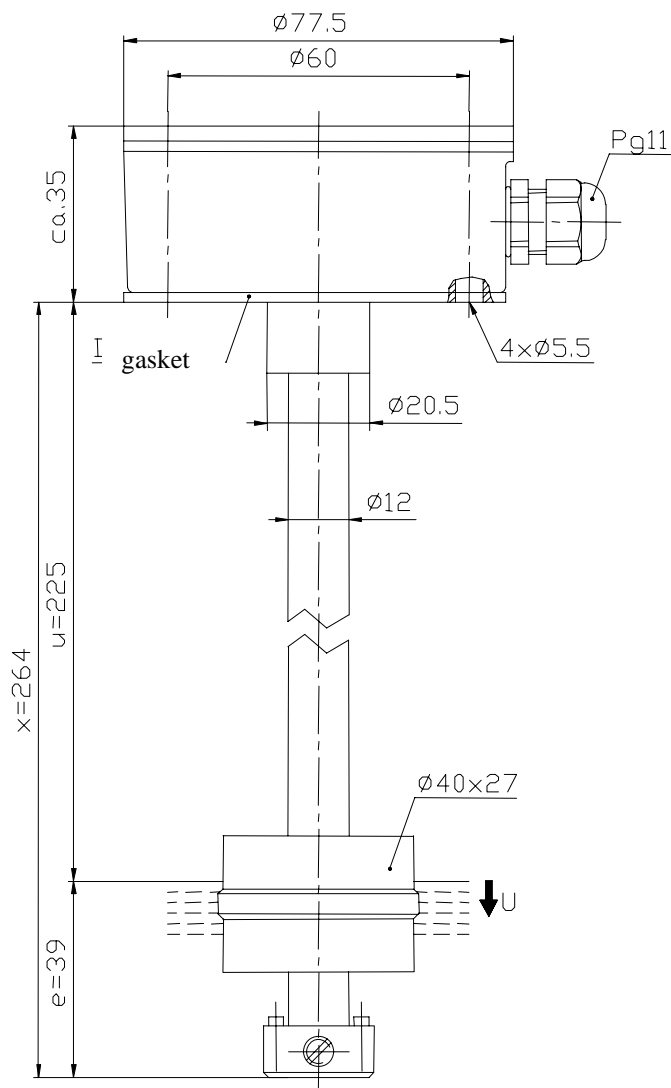
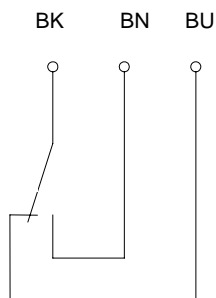
Standard float switches

Description **MAA-713 KSS 0264**

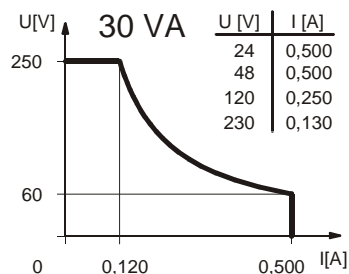
Article number **6815105237**

Wiring diagram

(none activated condition)



Performance diagram



Subject to change without notice.

Technical Data

Float Switch

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	1 change over contact, falling level
Protection class	I

Mechanical data

Terminal box material	GK-AISI12 (3.2581.02)
Switching tube material	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	1.4571
Gasket material	NBR
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	10 bar

EU 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.

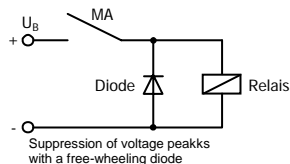
The measures of the switching points refer to a fluid-density of 1 g/cm³.

The tolerance of the switching points is ±2mm

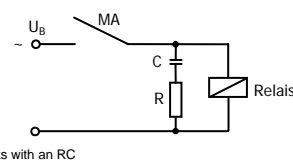
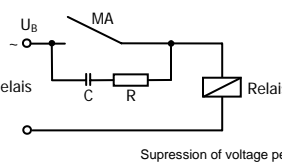
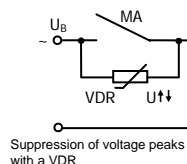
Pay attention to the contact protection, when switching inductive loads. Maximum data must not be exceeded!

Inductive loads

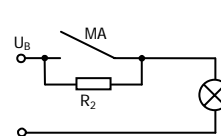
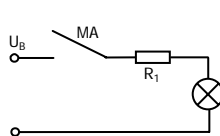
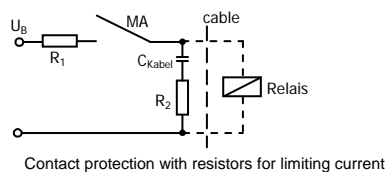
direct current voltage



alternating voltage



Capacitive loads and lamp loads



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Date of issue : 02.05.2011 / Page 2 of 2
Document : 6815105237_en / Last update : 3 / 0251-11