

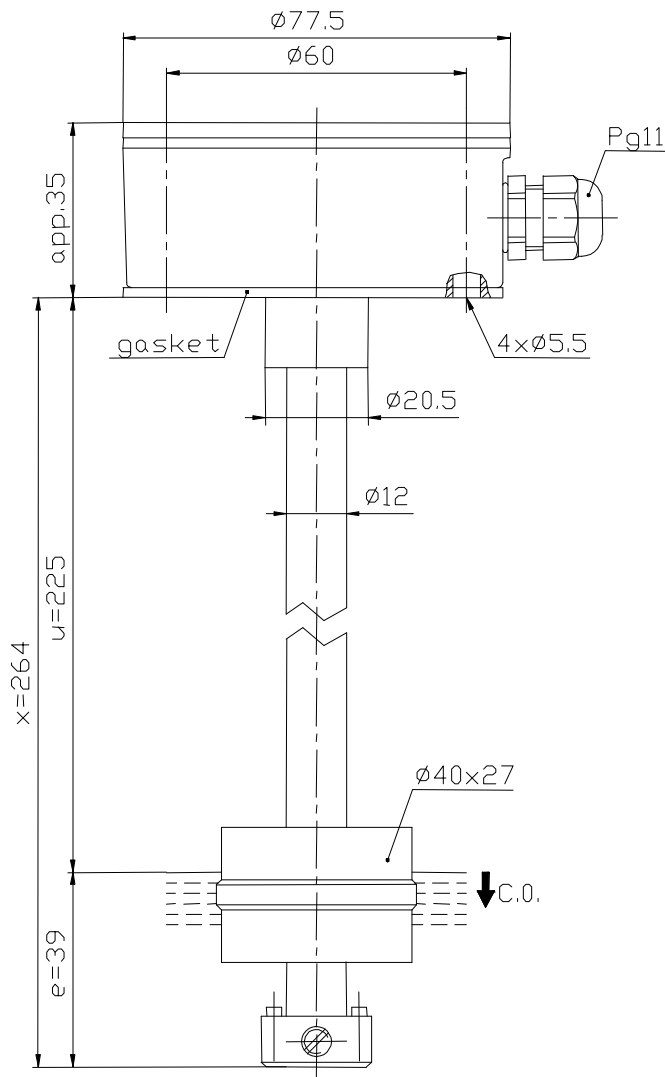
# Technical Data

## Float Switch

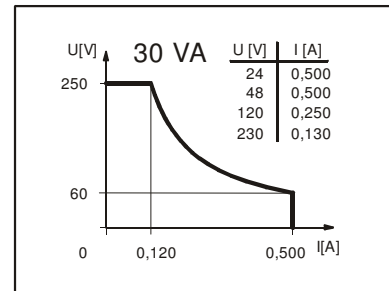
### Standard float switches

Description **MAA-713 KST 0264**

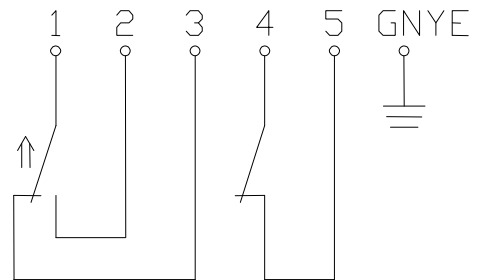
Article number **6815105403**



### Performance diagram (maximum data)



### Wiring diagram (matching to the drawing)



Subject to change without notice.

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### Standard float switches

Description **MAA-713 KST 0264** Article number **6815105403**

#### Electrical data

Reed contact	max. switching voltage	250 V
	max. switching current	0,5 A
	max. switching capacity	30 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
		1 temperature switch
		normally closed contact 75°C ±5K
		hysteresis 5K
Direction category		AC-22A and DC-22A acc to DIN VDE 0660 T107
Standard		acc to DIN VDE 0660 T200

#### Mechanical data

Terminal box material		GK-AISI12 (3.2581.02)
Switching tube material		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		1.4571
Gasket material		NBR
Ambient air temperature		-5°C to +100°C
Liquid temperature		-5°C to +100°C
Connection		connection block inside the terminal box
Protection type		IP 65 acc to DIN VDE 0470 T1
Max. pressure		10 bar

#### 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/cm<sup>3</sup>.  
The tolerance of the switching points is ±2mm  
Pay attention to the contact protection, when switching inductive loads. Maximum data must not be exceeded!