

# Technical Data

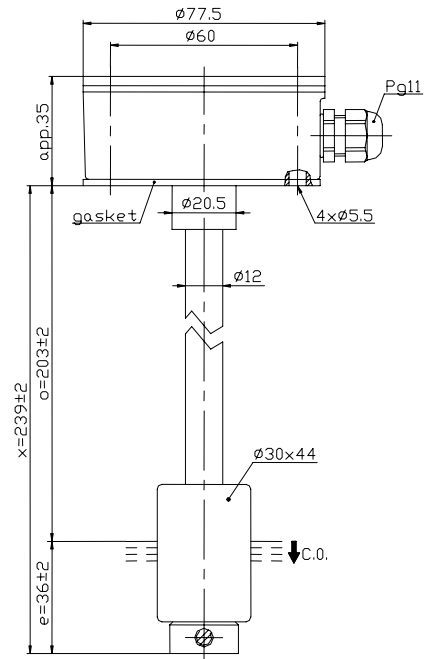
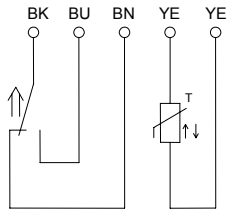
## Float Switch

### Standard float switches

Description **MAR-713 KSS NTC 0239**

Article number **6815165017**

Wiring diagram  
(matching to the drawing)



#### Electrical data

Reed contact	max. switching voltage	50 V
	max. switching current	0,5 A
	max. switching capacity	30 VA
NTC:	max. capacity at 25°C	30mW
	value of resistance	5k $\Omega$
	resistance tolerance	1%
	mechanical life	10 <sup>7</sup> to 10 <sup>9</sup> switches depending on the load
Switching element		1 change over contact, falling level

#### Mechanical data

Terminal box material	GK-AISI12 (3.2581.02)
Switching tube material	X6CrNiMoTi17 12 2 (1.4571)
Float material	NBR
-density	about 0,44g/cm <sup>3</sup> $\pm$ 10%
-depth of immersion	20 mm $\pm$ 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
Medium temperature	-5°C bis +60°C
Connection	connection block inside the terminal box
Protection type	IP65 acc. to IEC 529, EN 60529
Max. pressure	10 bar

#### General details

Reproducibility of switching points is  $\pm 0,1$  mm based on the same geometrical conditions as of a switch device.

The measures of the switching points refer to a fluid-tight of 1 g/cm<sup>3</sup>.

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

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

This document will not become the contractual basis; the details included herein do not constitute any descriptions of expected conditions, so that warranties/claims for defects on account of possible variations of the actual from the here described condition are excluded. Subject to modifications and amendments.

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