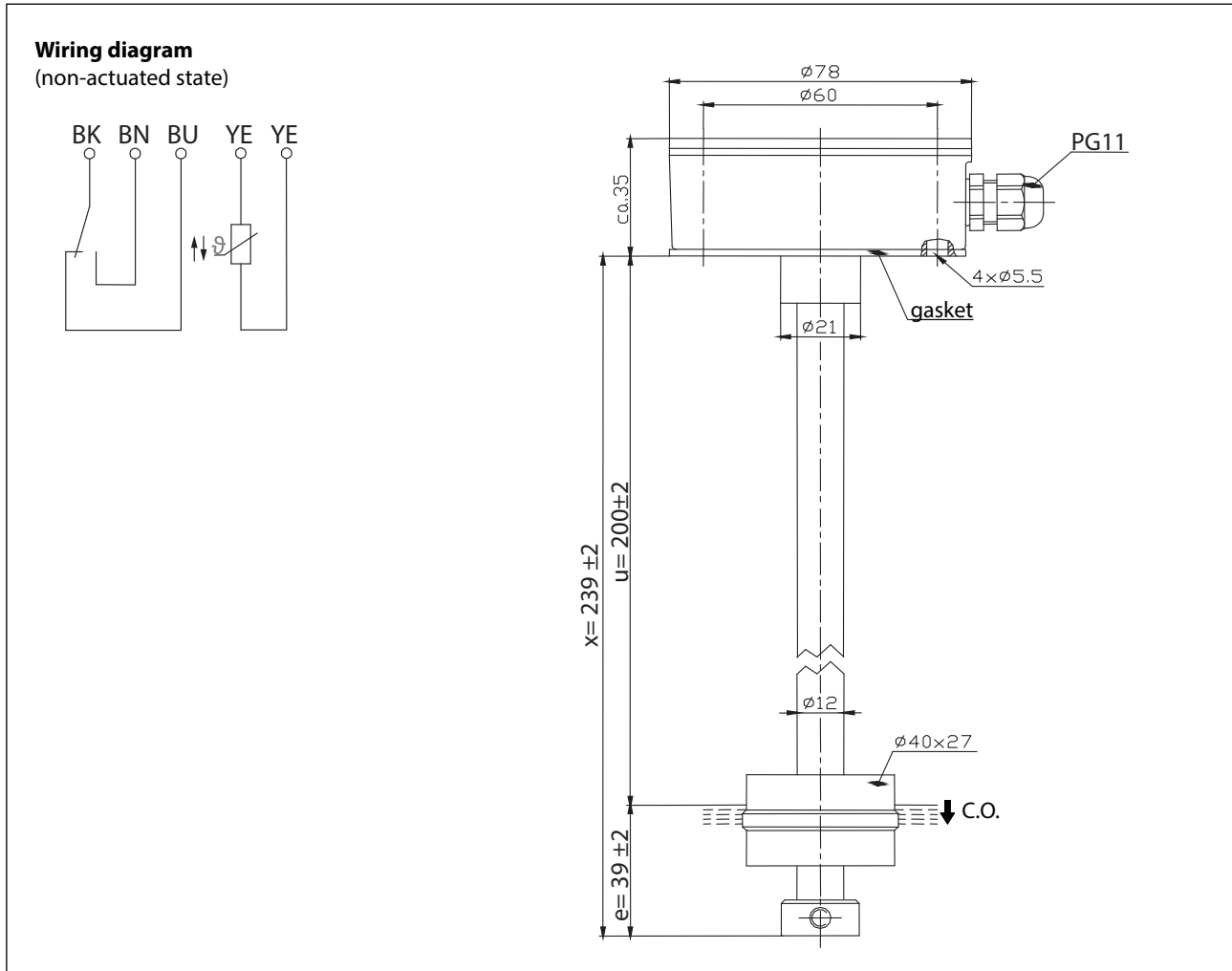


## Float switch

### Series Standard-Float switch

Description **MAA-713 KSS NTC 0239**

Article number **6815105381**



#### Electrical data

Rated voltage	$U_r$	50 V
max. switching current		0,5 A
max. switching capacity		30 VA
Rated insulation voltage	$U_i$	50 V AC
Rated impulse withstand voltage	$U_{imp}$	500 V AC
Overvoltage category		II
NTC: max. capacity at 25 °C		30 mW
Value of resistance		5 k $\Omega$
Resistance tolerance		1 %
mechanical life		$10^7$ to $10^9$ switches
Switching element		1 C.O., falling level
Protection class		I

Technical modifications and errors excepted.

The technical datasheet corresponds to the technical state as of 2017-01-27 and will not be removed in case of changes.

Mechanical data	
Terminal box material	Aluminium coated with RAL 3016
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 to +60 °C
Liquid temperature	-5 °C to +60 °C
Connection	Connecting block inside the terminal box
Protection type	IP 65 acc to IEC529 / EN 60529
Max. pressure	10 bar

Standards
DIN EN 60947-5-1

**General details**

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 ±2 mm  
 Pay attention to the contact protection, when switching inductive or capacitive loads. Maximum data must not be exceeded!  
 For measurements with resistance thermometers constructive or by measurement-related influences can affect the measure result!

