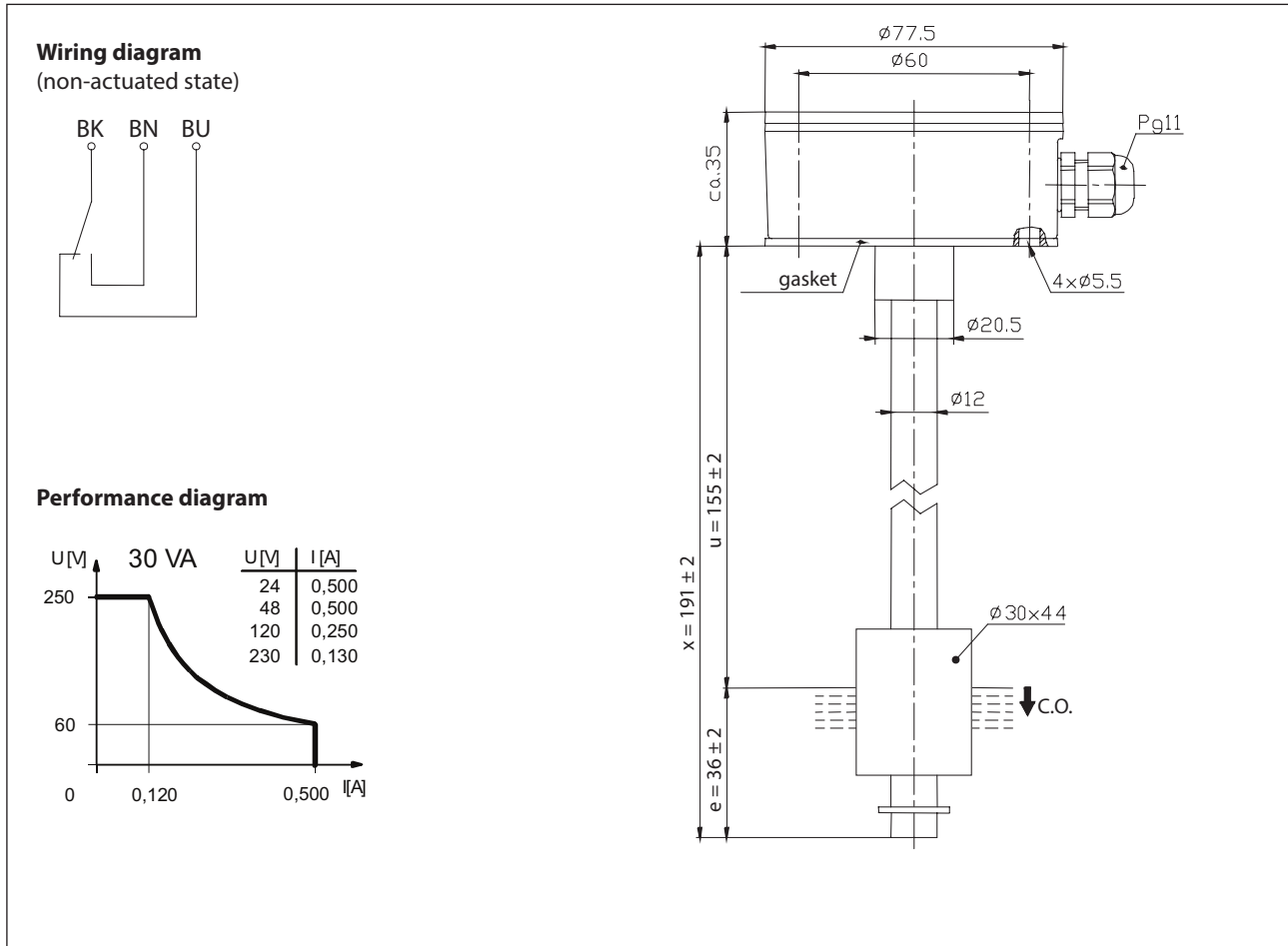


# Float switch

## Series Standard-Float switch

Description **MAS-713 KSS 0191**

Article number **6815245003**



### Characteristic features in accordance with EN 60947-5-1

Electrical data			
Rated voltage	$U_r$	250 V	
max. switching current		0,5 A	
max. switching capacity		30 VA	
Rated insulation voltage	$U_i$	300 V AC	
Rated impulse withstand voltage	$U_{imp}$	2,5 kV AC	
Overvoltage category		II	
Switching element		1 x C.O., falling level	
Protection class		I	

Mechanical data	
Housing material	Aluminium coated RAL 3016
Switching tube material	CuZn37 (2.0321)
Float material	NBR
- density	about 0,44 g/cm <sup>3</sup> ±10 %
- depth of immersion	20 mm ± 2 mm ( to a fluid-density of 1 g/cm <sup>3</sup> )
Grip screw material	CuSn8 (2.1030)
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	5 bar

EU Conformity
acc. to directive 2006/95/EC

General details
<p>Repeatability of switching points is ±0,05 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 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!</p>

Inductive loads
<div style="display: flex; justify-content: space-between;"> <div style="width: 24%;"> <p><b>Direct current</b></p> <p>Suppression of voltage peaks with a free-wheeling diode</p> </div> <div style="width: 24%;"> <p><b>Alternating voltage</b></p> <p>Suppression of voltage peaks with a VDR</p> </div> <div style="width: 24%;"> <p>Suppression of voltage peaks with an RC element</p> </div> <div style="width: 24%;"> </div> </div>

Capacitive loads and lamp loads
<p>Contact protection with resistors for limiting current</p>