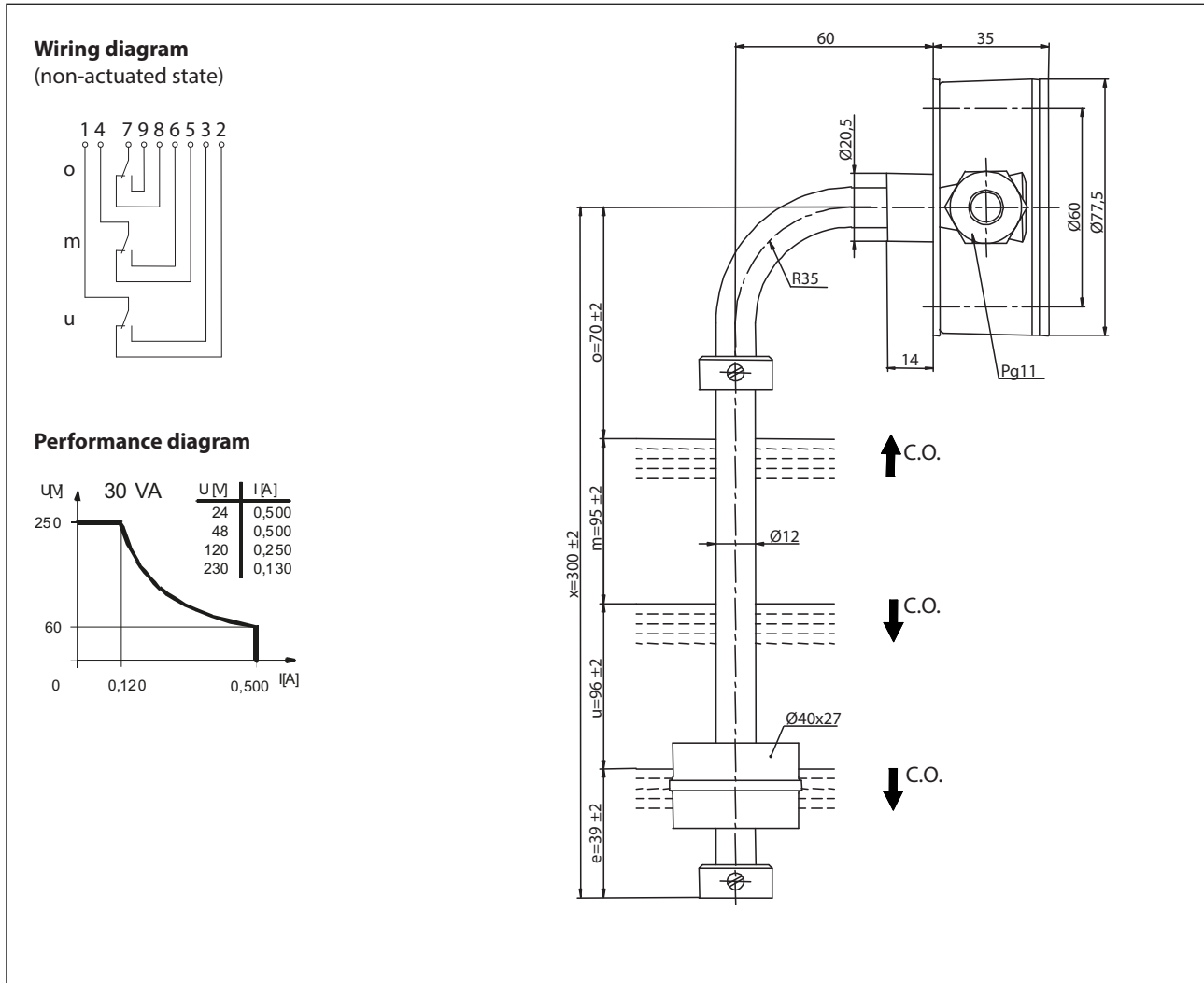


# Float switch

## Series Standard-Float switch

Description **MAA-733 KBS 0300**

Article number **6835115026**



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
mechanical life		$10^7$ to $10^9$ switches
Switching element		1 C.O., rising level 2 C.O., falling level
Protection class		I

Mechanical data	
Housing material	Aluminium coated 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 +100 °C
Liquid temperature	-5 °C to +100 °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

EU Conformity
acc. to directive 2014/35/EU

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!

**Inductive loads**

Direct current

Suppression of voltage peaks with a free-wheeling diode

Alternating voltage

Suppression of voltage peaks with a VDR

Suppression of voltage peaks with an RC element

**Capacitive loads and lamp loads**

Contact protection with resistors for limiting current