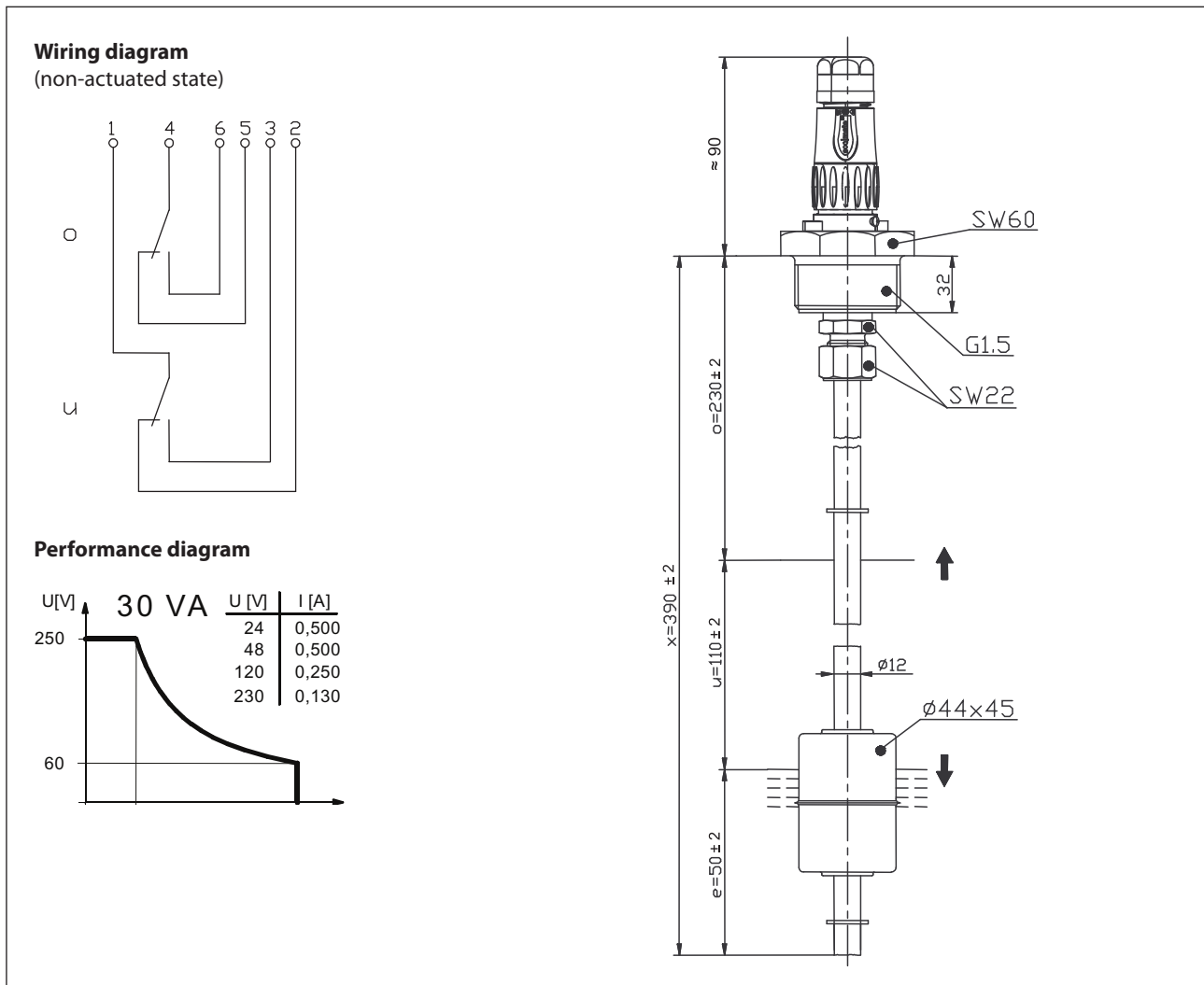


# Float switch

## Series Standard-Float switch

Description **MAP-723 KNS 0390**

Article number **6825228008**



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	$U_{imp}$	4 kV AC
Overvoltage category		II
Switching element		1 x changeover contact, rising level 1 x changeover contact, falling level
Protection class		II (totally insulated)

Mechanical data	
Tank screw material	CuZn35Ni2 (2.0540)
Screw-in connection material	CuZn35Ni (2.0540)
Switching tube material	CuZn37 (2.0321)
Float material	X6CrNiMoTi 17 122 (1.4571)
- density	about 0,7 g/cm <sup>3</sup> ±10 %
- depth of immersion	23 mm ± 2 mm ( to a fluid-density of 1 g/cm <sup>3</sup> )
Grip screw material	CuSn8 (2.0321)
Ambient air temperature	-40 °C to +100 °C
Liquid temperature	-40 °C to +100 °C
Connection	Amphenol plug connector; Type: eco mate™
Protection type	IP 65 acc to IEC529 / EN 60529 (only with connected socket)
Max. pressure	5 bar

Standards
DIN EN 60947-5-1

EU Conformity
acc. to directive 2014/35/EU (Low-Voltage-Directive)

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
<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>Direct current</p> <p>Suppression of voltage peaks with a free-wheeling diode</p> </div> <div style="text-align: center;"> <p>Alternating voltage</p> <p>Suppression of voltage peaks with a VDR</p> </div> <div style="text-align: center;"> <p>Suppression of voltage peaks with an RC element</p> </div> </div>

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