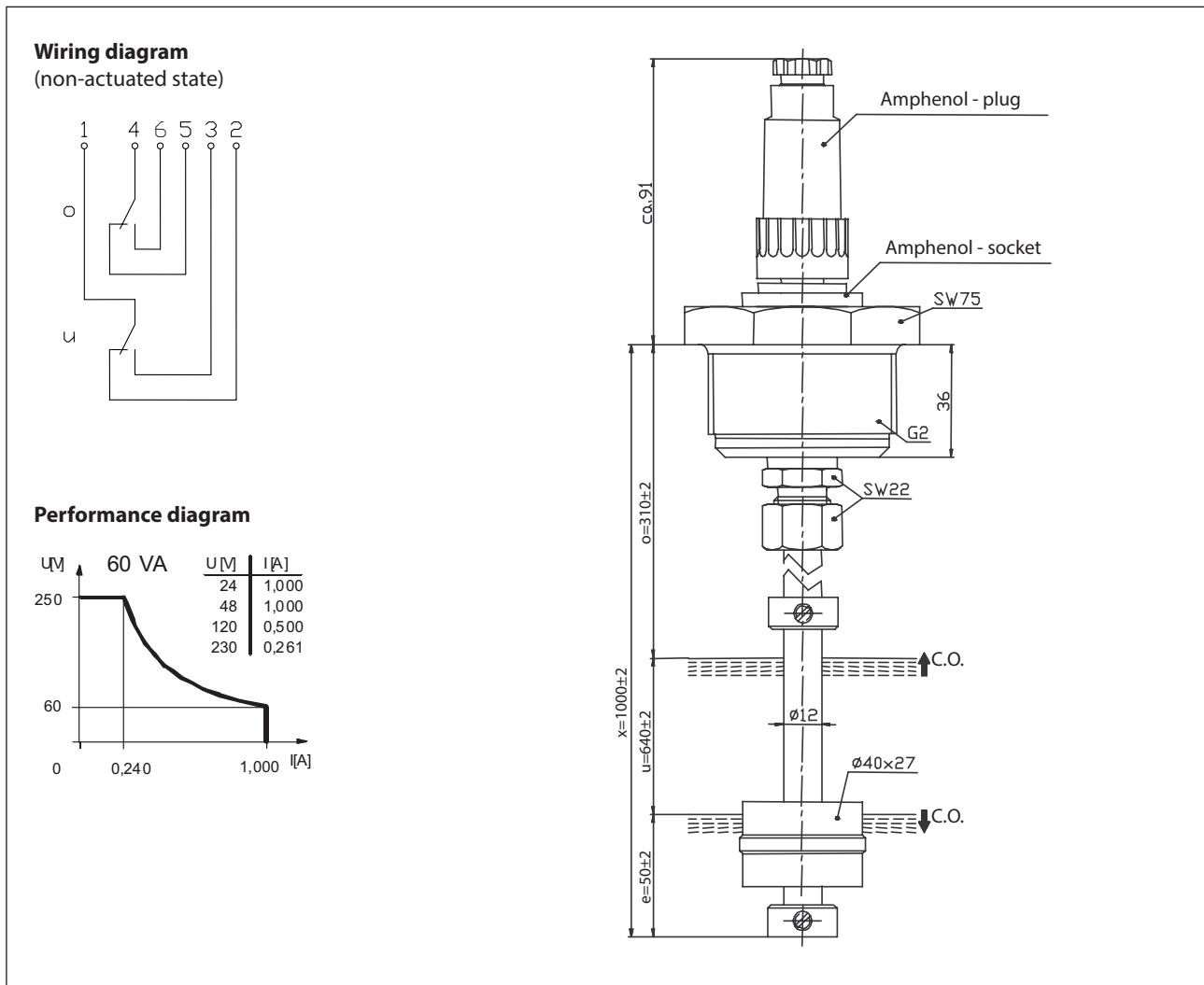


Float switch

Series Standard-Float switch

Description **MAA-723 LOS 0449**

Article number **6826109027**



Electrical data		
Bemessungsspannung	U _r	250 V
max. switching current		1,0 A
max. switching capacity		60 VA
min. switching capacity		3 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 C.O., falling level 1 x C.O., rising level
Protection class		II (totally insulated)

Mechanical data	
Screw connection material SW75	PVC
Screw connection material SW22	X6CrNiMoTi17-12-2 (1.4571)
Switching tube material	X6CrNiMoTi17-12-2 (1.4571)
Float material	POM
- density	about 0,7 g/cm ³ ±10 %
- depth of immersion	18 mm ± 2 mm (to a fluid-density of 1 g/cm ³)
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	Amphenol connector, Typ: C16-1, 6-pole (Pole 1-5 connected)
Protection type	IP 65 acc to IEC529 / EN 60529
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 ³ . 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