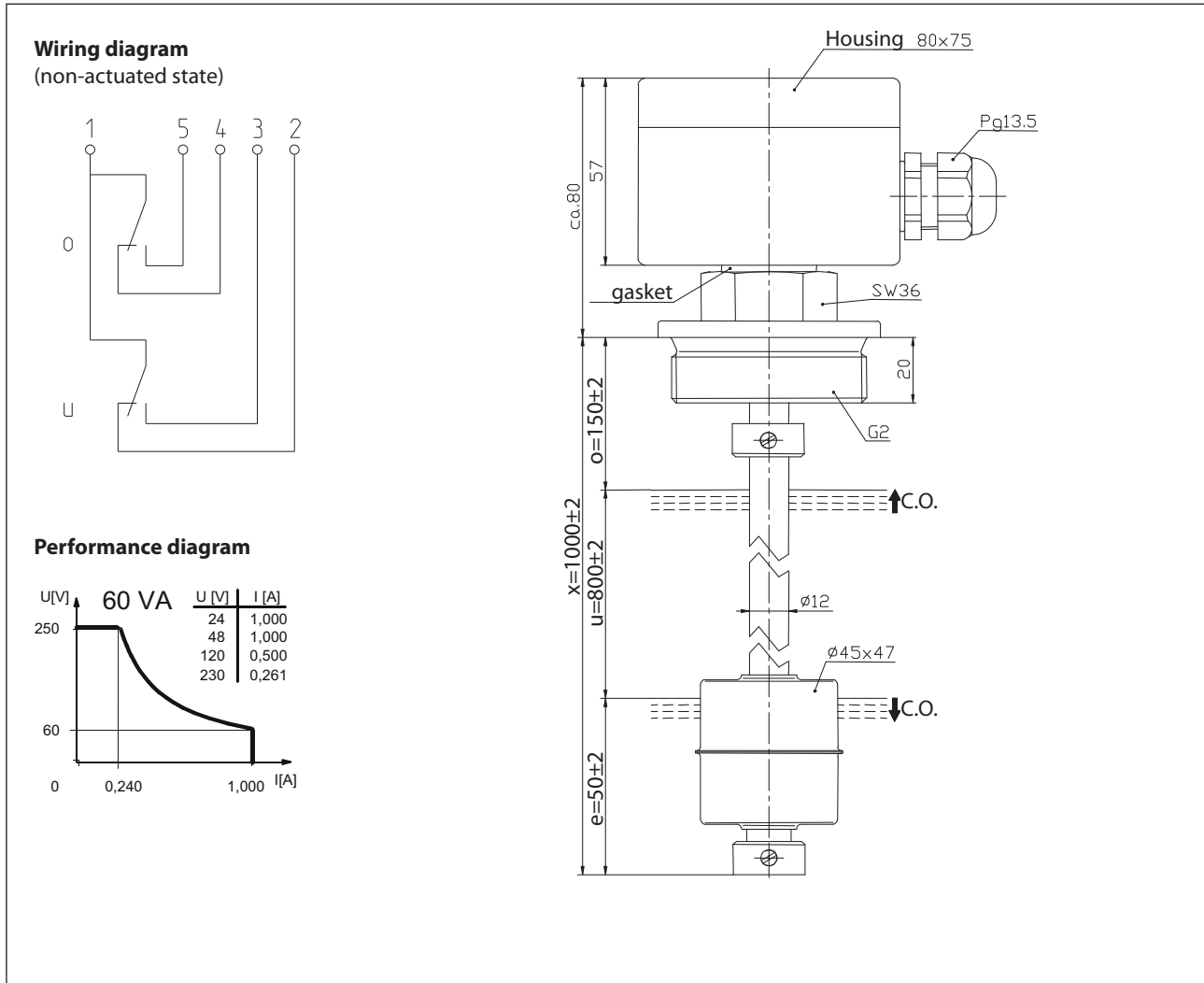


# Float switch

## Series Standard-Float switch

Description **MAN-723 KR2,0S 1000**

Article number **6825129041**



Electrical data		
Rated voltage	$U_r$	250 V
max. switching current		1 A
max. switching capacity		60 VA
min. switching capacity		3 VA
Rated insulation voltage	$U_i$	300 V AC
Rated impulse withstand voltage	$U_{imp}$	2,5 kV AC
Overvoltage category		II
Switching element		1 x C.O., rising level 1 x C.O., falling level
Protection class		I

Mechanical data	
Terminal box material	Aluminium coated RAL 7001
Bolting material G2	X6CrNiMoTi 17 122 (1.4571)
Bolting material Pg13,5	PA6
Switching tube material	X6CrNiMoTi 17 122 (1.4571)
Float material	X6CrNiMoTi 17 122 (1.4571)
- density	about 0,69 g/cm <sup>3</sup> ±10 %
- depth of immersion	32 mm ± 2 mm ( to a fluid-density of 1 g/cm <sup>3</sup> )
Adjusting ring material	X6CrNiMoTi 17 122 (1.4571)
Gasket	NBR und Klingersil C-4400
Ambient air temperature	-5 °C to +60 °C
Liquid temperature	-5 °C to +60 °C
Connection	Terminal strip in the terminal box
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<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