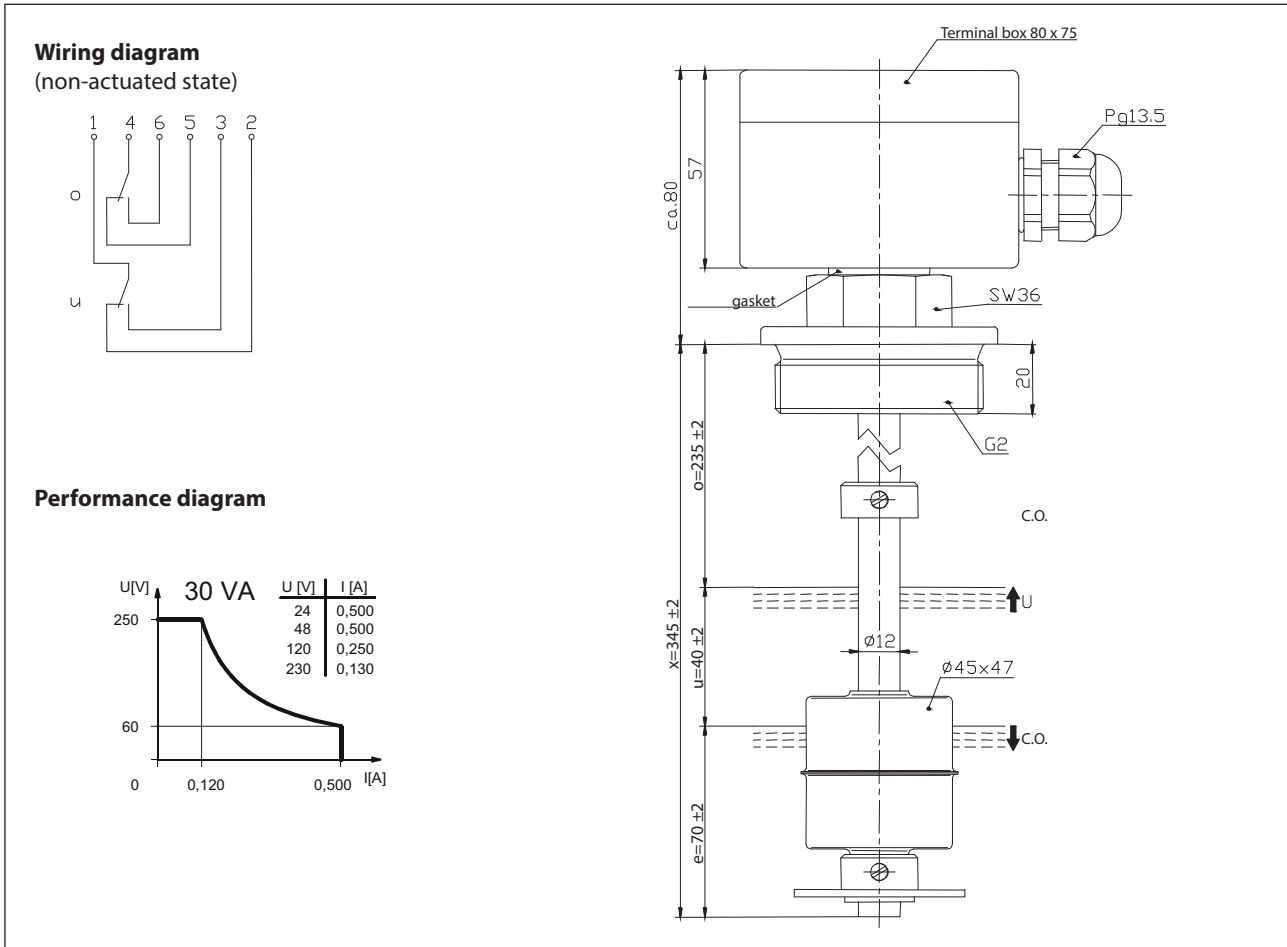


# Float switch

## Series Standard-Float switch

Description **MAN-723 KR2,0S 0345**

Article number **6825129040**



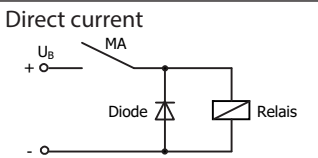
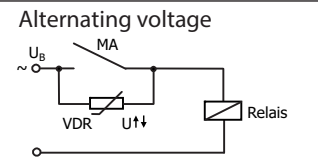
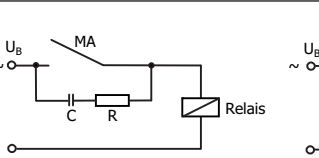
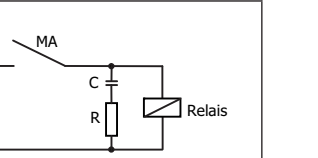
Electrical data		
Rated voltage	$U_r$	250 V
max. switching current		0,5 A
max. switching capacity		30 VA
Rated insulation voltage	$U_i$	300 V AC
Rated impulse withstand voltage	$U_{imp}$	2,5 kV AC
Overvoltage category		II
mechanical life		$10^7$ to $10^9$ switches depending on the load
Switching element		1 C.O., rising level 1 C.O., falling level
Protection class		I

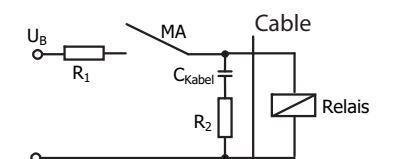
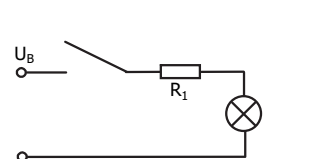
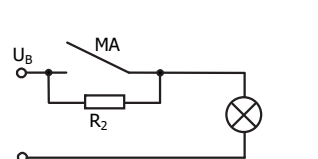
Mechanical data	
Box material	Aluminium coated (RAL 7001)
Bolting material G2	X6CrNiMoTi17-12-2 (1.4571)
Bolting material Pg13,5	PA
Switching tube material	X6CrNiMoTi17-12-2 (1.4571)
Float material	X6CrNiMoTi17-12-2 (1.4571)
- density	about 0,7 g/cm <sup>3</sup> ±10 %
- depth of immersion	32 mm ± 2 mm ( to a fluid-density of 1 g/cm <sup>3</sup> )
Adjusting ring material	X6CrNiMoTi17-12-2 (1.4571)
Grip screw material	X35CrMo17 (1.4122)
Distance washer material	X6CrNiMoTi17-12-2 (1.4571)
Gasket material	NBR and Klingersil C-4400
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

Standards
DIN EN 60947-5-1

EU Conformity
acc. to directive 2014/35/EU

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>