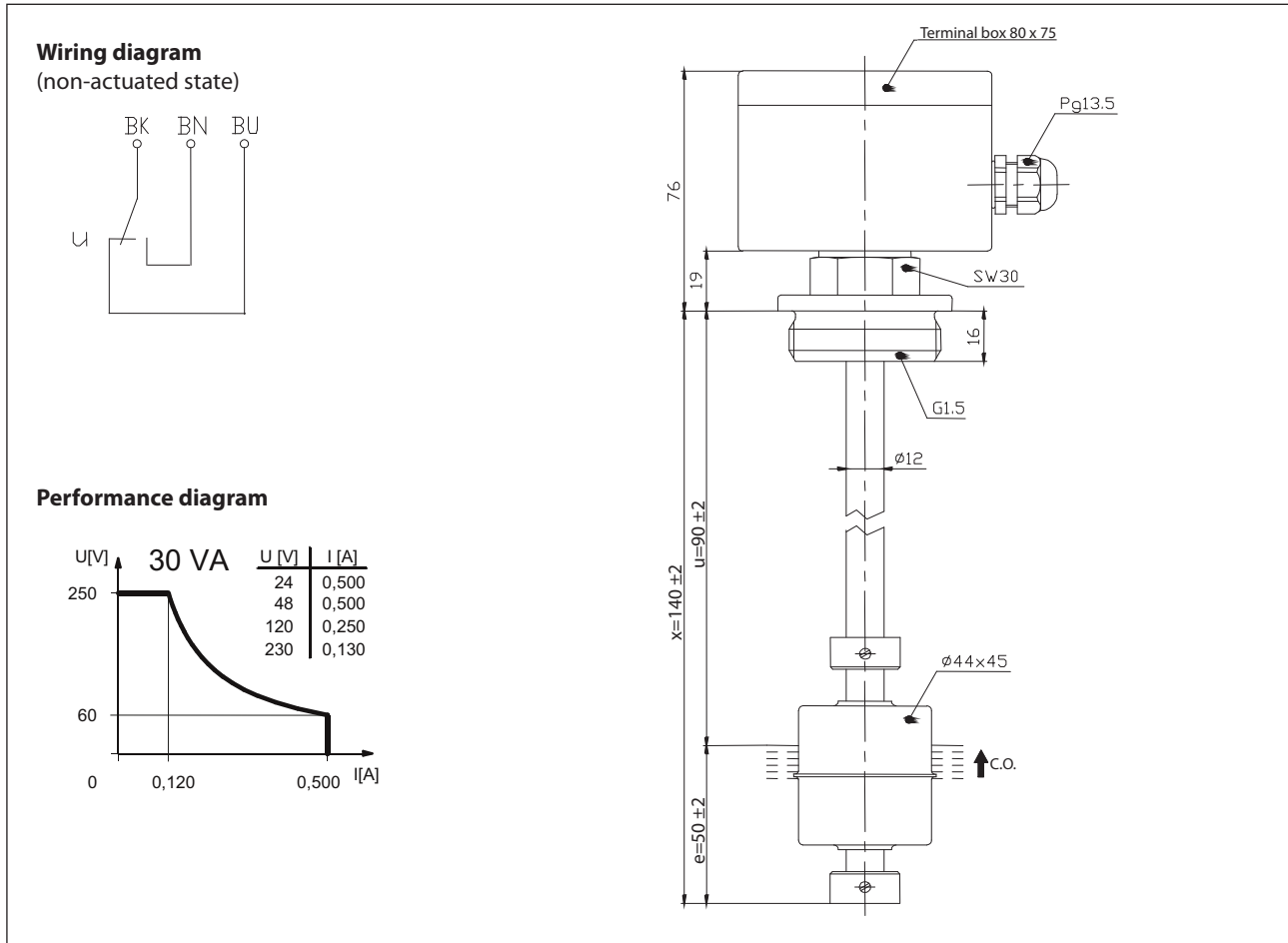


# Float switch

## Series Standard-Float switch

Description **MAN-713 KR1,5S 0140**

Article number **6815128014**



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	
Switching element		1 C.O., rising level	
Protection class		I	

Mechanical data	
Box material	Aluminium coated (RAL 7001)
Bolting material	X6CrNiMoTi17-12-2 (1.4571)
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)
Gasket material	Klingersil C-4400
Ambient air temperature	-20 °C to +80 °C
Liquid temperature	-20 °C to +80 °C
Connection	connecting block inside the terminal box
Protection type	IP 65 acc. to IEC529 / EN 60529
Max. pressure	15 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-between;"> <div style="width: 22%;"> <p><b>Direct current</b></p> <p>Suppression of voltage peaks with a free-wheeling diode</p> </div> <div style="width: 22%;"> <p><b>Alternating voltage</b></p> <p>Suppression of voltage peaks with a VDR</p> </div> <div style="width: 22%;"> <p>Suppression of voltage peaks with an RC element</p> </div> <div style="width: 22%;"> <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>