

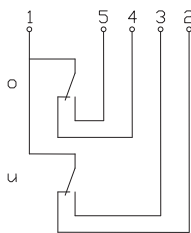
Float switch

Series Standard-Float switch

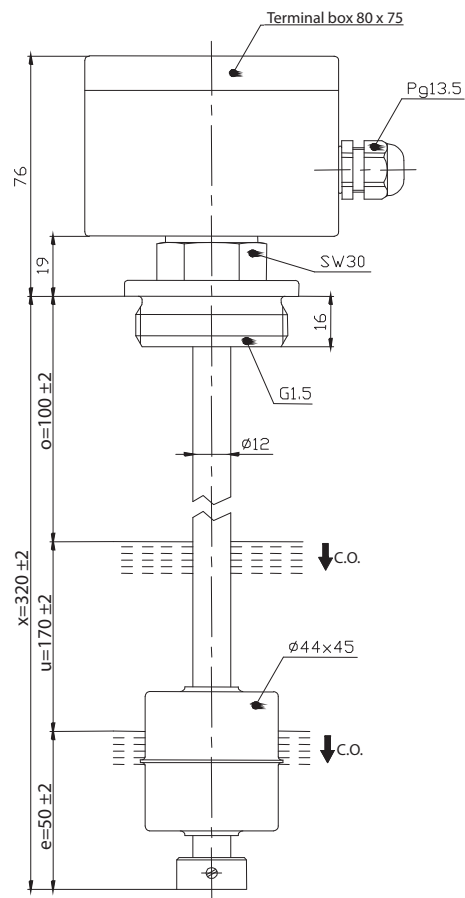
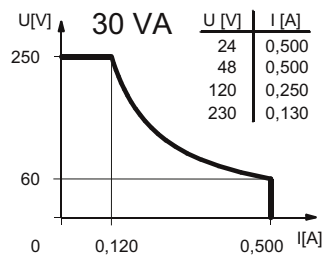
Description **MAN-723 KR1,5S 0320**

Article number **6825128047**

Wiring diagram (non-actuated state)



Performance diagram



Electrical data

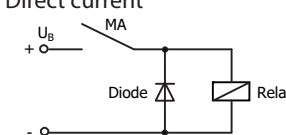
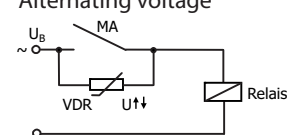
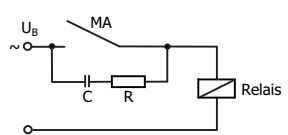
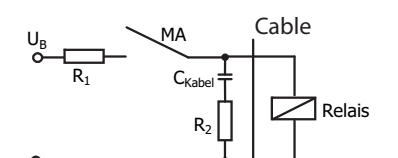
Rated voltage	U_r	250 V
max. switching current		0,5 A
max. switching capacity		30 VA
Rated insulation voltage	U_i	300 V AC
Rated impulse withstand voltage	U_{imp}	2,5 kV AC
Overvoltage category		II
mechanical life		10^7 to 10^9 switches
Switching element		2 C.O., falling level
Protection class		I

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 ³ ±10 %
- depth of immersion	32 mm ± 2 mm (to a fluid-density of 1 g/cm ³)
Adjusting ring material	X6CrNiMoTi17-12-2 (1.4571)
Gasket material	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	15 bar

Standards
DIN EN 60947-5-1

EU Conformity
acc. to directive 2014/35/EU

General details
The measures of the switching points refer to a fluid-density of 1 g/cm³. 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 