

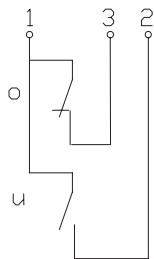
## Float switch

### Series Standard-Float switch

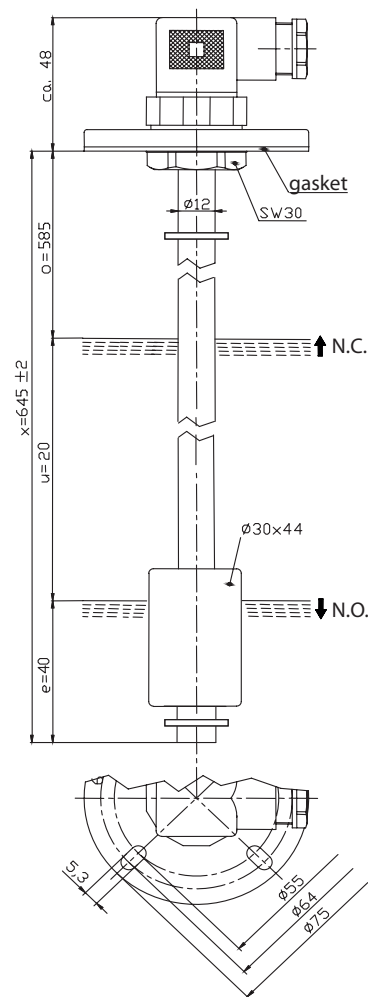
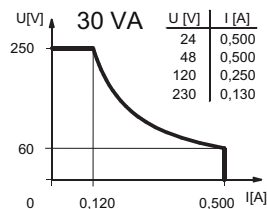
Description **MAS-722 KTS 0645**

Article number **6825267003**

#### Wiring diagram (non-actuated state)



#### Performance diagram



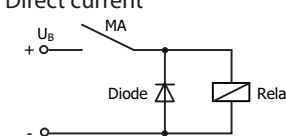
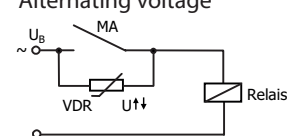
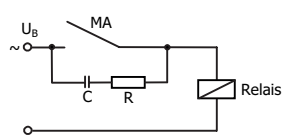
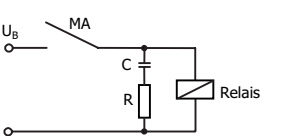
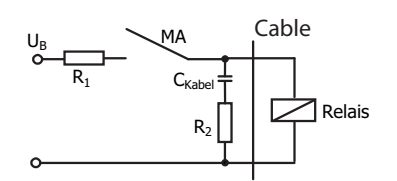
#### Characteristic features in accordance with EN 60947-5-1

Electrical data	
max. switching voltage	250 V
max. switching current	0,5 A
max. switching capacity	30 VA
mechanical life	10 <sup>7</sup> to 10 <sup>9</sup> switches depending on the load
Switching element	1 N.C. , rising level 1 N.O. , falling level
Protection class	II (totally insulated)

Mechanical data	
Flange material	PA6.6
Switching tube material	CuZn37 (CW508L)
Float material	NBR
- density	about 0,44 g/cm <sup>3</sup> ±10 %
- depth of immersion	20 mm ± 2 mm ( to a fluid-density of 1 g/cm <sup>3</sup> )
grip screw material	CuSn8 (CW453K)
Gasket material	NBR
Ambient air temperature	-5 °C to +60 °C
Liquid temperature	-5 °C to +60 °C
Connection	Connector acc. to DIN EN 175 301-803
Protection type	IP 65 acc to EN 60529 (only in fully locked position with it's plugs)
Max. pressure	5 bar

EU Conformity
acc. to directive 2014/35/EU (Low-Voltage-Directive)

General details
<p>Repeatability of switching points is ±0,05 mm based on the same geometrical conditions as of a switch device.</p> <p>The measures of the switching points refer to a fluid-density of 1 g/cm<sup>3</sup>.</p> <p>The tolerance of the switching points is ±2 mm</p> <p>Pay attention to the contact protection, when switching inductive or capacitive loads. Maximum data must not be exceeded!</p>

Inductive loads	
<p><b>Direct current</b></p>  <p>Suppression of voltage peaks with a free-wheeling diode</p>	<p><b>Alternating voltage</b></p>  <p>Suppression of voltage peaks with a VDR</p>
 <p>Suppression of voltage peaks with an RC element</p>	
Capacitive loads and lamp loads	
 <p>Contact protection with resistors for limiting current</p>	