

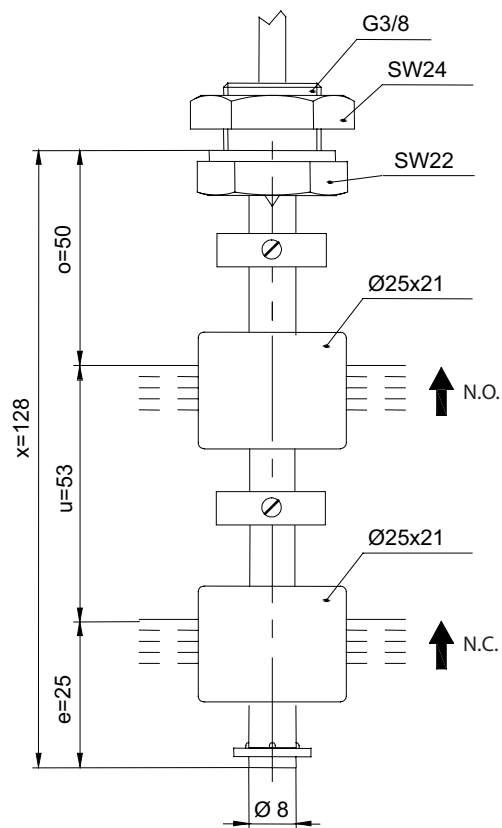
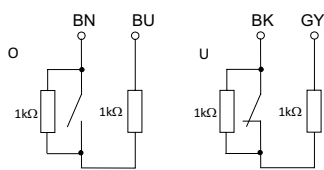
# Float switch

## Series Miniature-Float switch

Description **MSK2-PVC-R3/8-OS 0128**

Article number **6891323062**

### Wiring diagram (non-actuated state)



### Electrical data

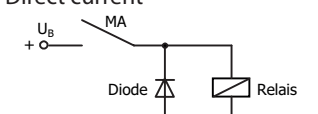
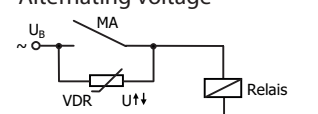
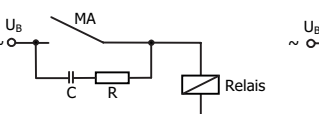
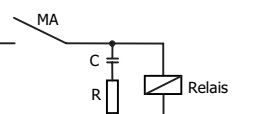
Rated voltage	$U_r$	250 V
max. switching current		10 mA
Switching element		1 N.O., rising level 1 N.C., rising level
Protection class		II (totally insulated)

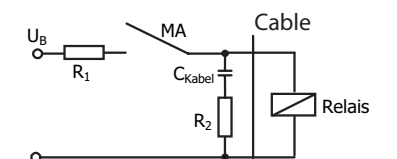
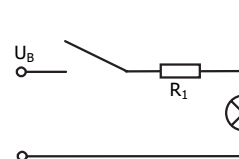
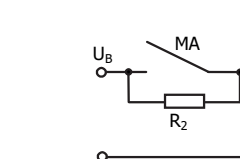
Mechanical data	
Hexagon nut material	PVC
Bolting material	PVC
Switching tube material	PVC
Float material	PVC
- density	about 0,7 g/cm <sup>3</sup> ±10 %
- depth of immersion	17 mm ± 2 mm ( to a fluid-density of 1 g/cm <sup>3</sup> )
Grip screw material	PVC
Adjusting ring material	PVC
Ambient air temperature	-5 °C to +60 °C
Liquid temperature	-5 °C to +60 °C
Connection	Cable 4 x 0,25 mm <sup>2</sup> x 2 m ± 5 %, PVC
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
<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                      Maximum data must not be exceeded!                      Pay attention to the contact protection, when switching inductive or capacitive loads.</p>

Inductive loads
<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>Direct current</p>  <p>Suppression of voltage peaks with a free-wheeling diode</p> </div> <div style="text-align: center;"> <p>Alternating voltage</p>  <p>Suppression of voltage peaks with a VDR</p> </div> <div style="text-align: center;">  <p>Suppression of voltage peaks with an RC element</p> </div> <div style="text-align: center;">  </div> </div>

Capacitive loads and lamp loads
<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  <p>Contact protection with resistors for limiting current</p> </div> <div style="text-align: center;">  </div> <div style="text-align: center;">  </div> </div>