

Float switch

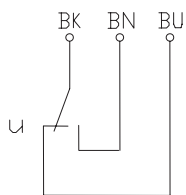
Series Miniature-Float switch

Description **MSK2-PVC-R3/8-U 0040**

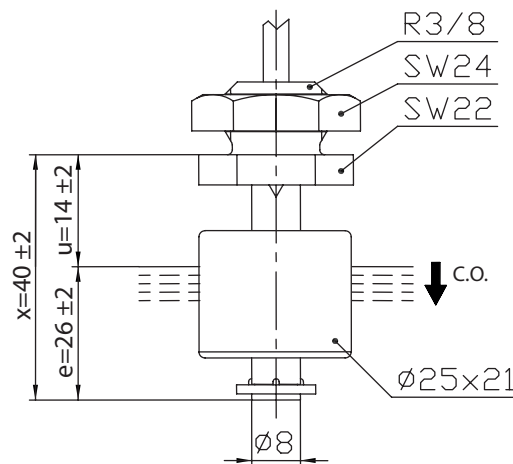
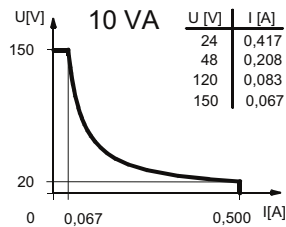
Article number **6895323004**

Wiring diagram

(non-actuated state)



Performance diagram



Electrical data		
Rated voltage	U_r	150 V
max. switching current		0,5 A
max. switching capacity		10 VA
Rated insulation voltage	U_i	300 V AC
Rated impulse withstand voltage	U_{imp}	4 kV AC
Overvoltage category		II
Switching element		1 C.O., falling level
Protection class		II (totally insulated)

Mechanical data	
Hexagonal nut material	PVC
Housing material	PVC
Float material	PVC
- density	about 0,7 g/cm ³ ±10 %
- depth of immersion	17 mm ± 2 mm (to a fluid-density of 1 g/cm ³)
Grip screw material	PVC
Ambient air temperature	-5 °C to +60 °C
Liquid temperature	-5 °C to +60 °C
Connection	Cable 3 x 0,34 mm ² x 1 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

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

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