

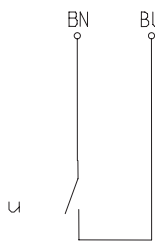
Float switch

Series Miniature-Float switch

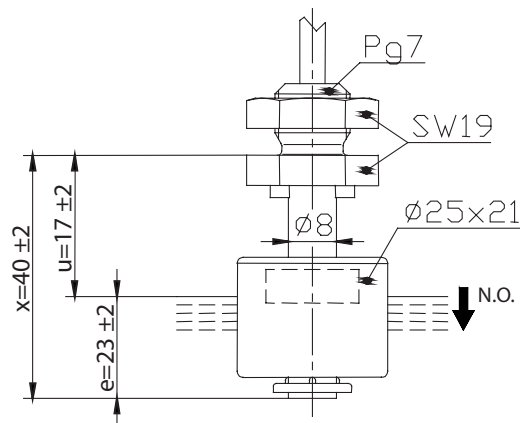
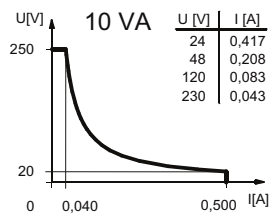
Description **MSK2-PVC-PG7-S 0040**

Article number **6891324002**

Wiring diagram (non-actuated state)



Performance diagram



Electrical data

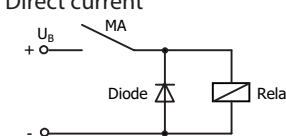
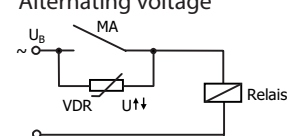
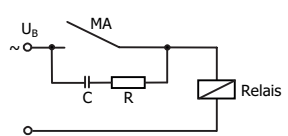
Rated voltage	U_e	250 V
max. switching current		0,5 A
max. switching capacity		10 VA
Switching element		1 NO, falling level
Protection class		II (totally insulated)

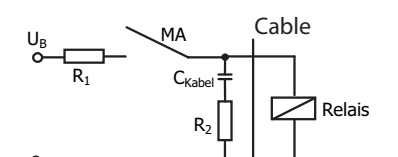
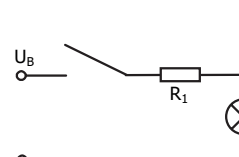
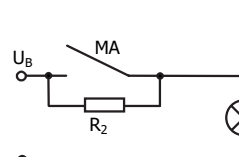
Mechanical data	
Box material	PVC
Hexagon nut material	PA
Float material	PVC
- density	about 0,7 g/cm ³ ±10 %
- depth of immersion	12 mm ± 2 mm (to a fluid-density of 1 g/cm ³)
Grip screw material	PVC
Ambient air temperature	-5 °C to +60 °C
Liquid temperature	-5 °C to +60 °C
Connection	Cable 2 x 0,34 mm ² x 2 m ± 5 %, PVC
Protection type	IP 65 acc to 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/cm ³ . 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