

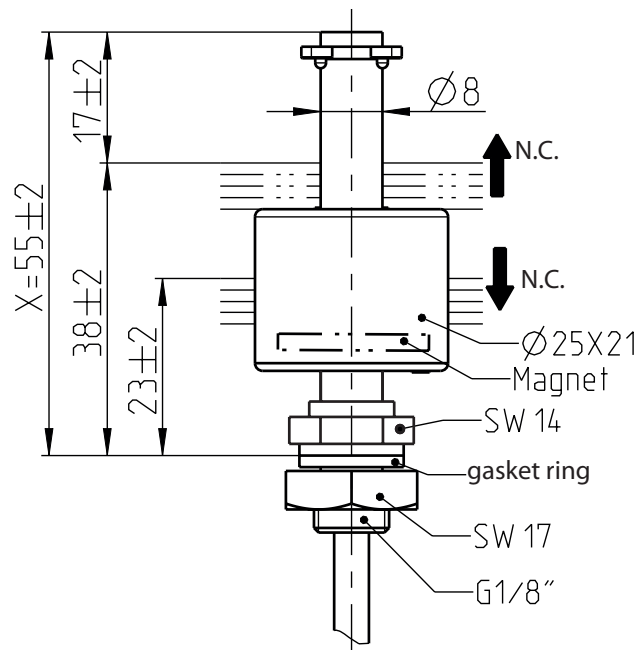
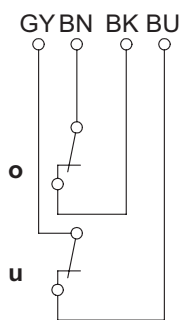
Float switch

Series Miniature-Float switch

Description **MSK1-PVC-R1/8-2O 0055**

Article number **6890311003**

Wiring diagram (non-actuated state)



Electrical data

Rated voltage	U_r	36 V
max. switching current		0,25 A
max. switching capacity		5 VA
Rated insulation voltage	U_i	50 V AC
Rated impulse withstand voltage	U_{imp}	500 V AC
Overvoltage category		II
Switching element		1 N.C., rising level 1 N.C., falling level

Mechanical data	
Hexagonal nut material	PP
Housing material	PVC
Bolting material	PVC
Switching tube material	PVC
Float material	PP
- density	about 0,55 g/cm ³ ±10 %
- depth of immersion	12 mm ± 2 mm (to a fluid-density of 1 g/cm ³)
Gasket material	NBR
Grip screw material	PVC
Ambient air temperature	-5 °C to +60 °C
Liquid temperature	-5 °C to +60 °C
Connection	Cable 4 x 0,25 mm ² x 1,5 m ± 5 %; PVC
Protection type	IP 65 acc to IEC529 / EN 60529
Max. pressure	5 bar

Standards
DIN EN 60947-5-1

General details

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/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!

