

Float switch

Series Miniature-Float switch

Description **MSN1-NI-R1/8-OUU 0157**

Article number **6891171018**

Wiring diagram

Performance diagram

U [V]	I [A]
24	0,417
48	0,208
120	0,083
150	0,067

Electrical data		
Rated voltage	U_r	150 V AC
max. switching current		0,5 A
max. switching capacity		10 VA
Rated insulation voltage	U_i	150 V AC
Rated impulse withstand voltage	U_{imp}	500 V AC
Switching element		1 x N.C., rising level 1 x C.O., rising level 1 x C.O., falling level

Mechanical data	
Bolting material	X6CrNiMoTi17-12-2 (1.4571)
Hexagonal nut material	X6CrNiMoTi17-12-2 (1.4571)
Float material	X6CrNiMoTi17-12-2 (1.4571)
- density	about 0,7 g/cm ³ ±10 %
- depth of immersion	18 mm ± 2 mm (to a fluid-density of 1 g/cm ³)
Adjusting ring material	X12CrNi17-7 (1.4310)
Ambient air temperature	-5 °C to +60 °C
Liquid temperature	-5 °C to +60 °C
Connection	Cable 7 x 0,25 mm ² x 0,29 m, PVC
Protection type	IP44 acc. to IEC529 / EN 60529
Max. pressure	10 bar

Standards
DIN EN 60947-5-1

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
 Pay attention to the contact protection, when switching inductive or capacitive loads. Maximum data must not be exceeded!

