

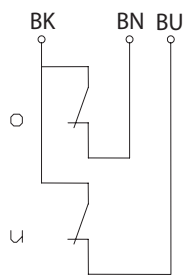
Float switch

Series Miniature-Float switch

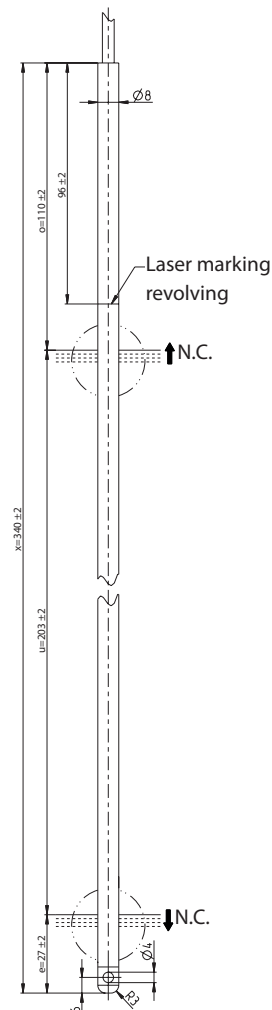
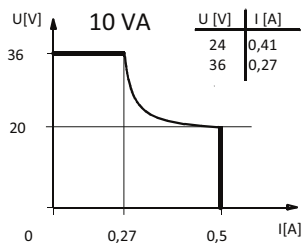
Description **MSN1-NI-OV-2O 0340**

Article number **6895100004**

Wiring diagram (non-actuated state)



Performance diagram



Electrical data

Rated voltage	U_r	36 V
max. switching current		0,5 A
max. switching capacity		10 VA
Rated insulation voltage	U_i	50 V AC
mechanical life		10^7 to 10^9 switches
Switching element		1 N.C., rising level 1 N.C., falling level

Mechanical data	
Switching tube material	X6CrNiMoTi17-12-2 (1.4571) electrolytic polished (Ra < 0,8)
Ambient air temperature	-5 °C to +80 °C
Liquid temperature	-5 °C to +80 °C
Connection	Cable 3 x 0,34 mm ² x 3 m ± 5 %, PUR
Protection type	IP 65 acc. to IEC529 / EN 60529
Max. pressure	5 bar

Standards
DIN EN 60947-5-1

General details
<p>Repeatability of switching points is $\pm 0,05$ 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. Only use in circuits with protective separation and in range with local potential equalization. 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!</p>

Inductive loads		
<p>Direct current</p> <p>Suppression of voltage peaks with a free-wheeling diode</p>	<p>Alternating voltage</p> <p>Suppression of voltage peaks with a VDR</p>	<p>Suppression of voltage peaks with an RC element</p>

Capacitive loads and lamp loads		
<p>Contact protection with resistors for limiting current</p>		