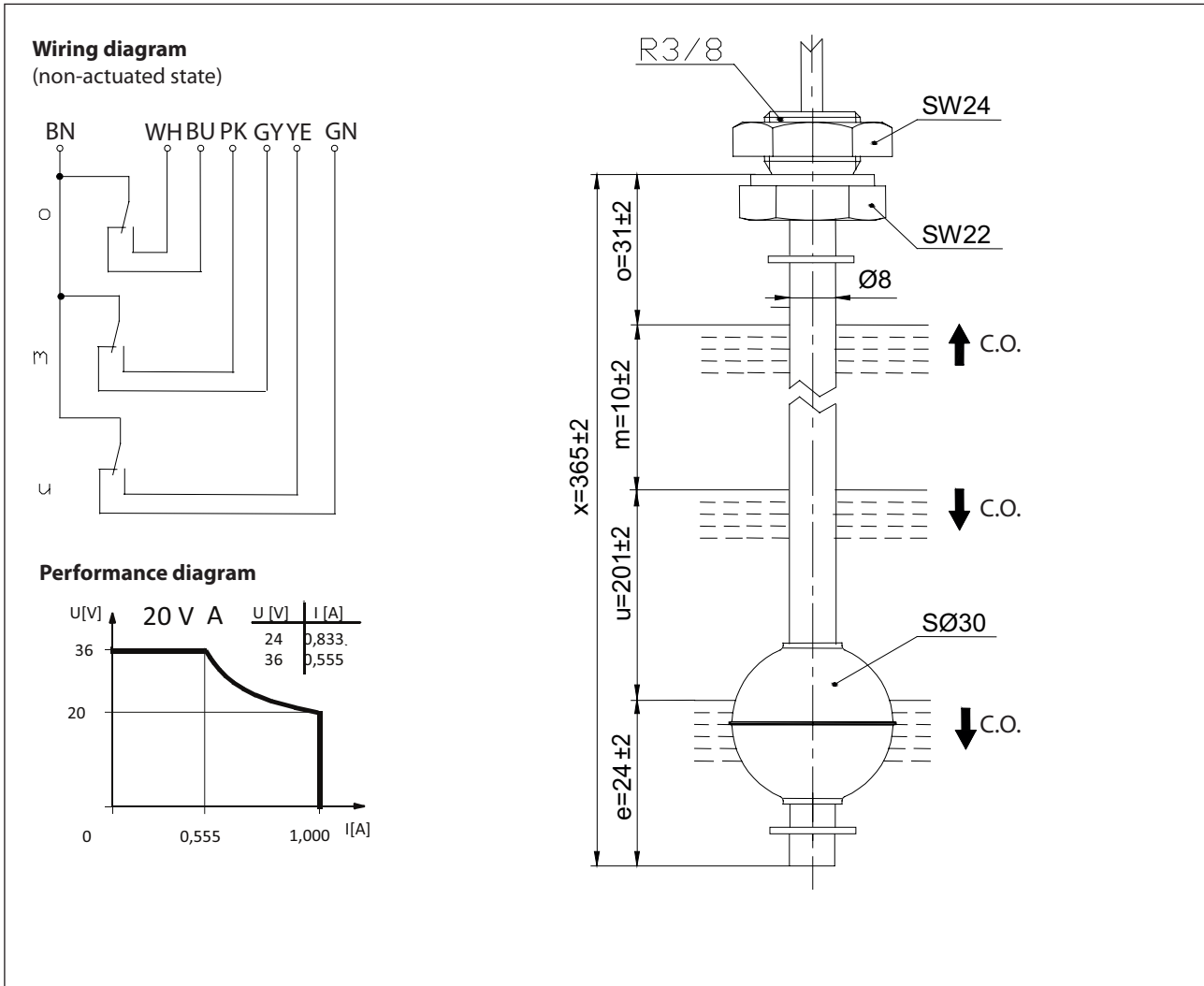


Float switch

Series Miniature-Float switch

Description **MSN1-NI-R3/8-3U 0365**

Article number **6895173006**



Electrical data		
Rated operational voltage range	U_B	10 - 36 V
max. switching current		1,0 A
max. switching capacity		20 VA
Switching element		1 C.O., rising level 2 C.O., falling level
Protection class		III (safety extra-low voltage)

Mechanical data	
Bolting material	X6CrNiMoTi17-12-2 (1.4571)
Hexagon nut material	X8CrNiS18-9 (1.4305)
Switching tube material	X6CrNiMoTi17-12-2 (1.4571)
Float material	X6CrNiMoTi17-12-2 (1.4571)
- density	about 0,65 g/cm ³ ±10 %
- depth of immersion	18 mm ± 2 mm (to a fluid-density of 1 g/cm ³)
Grip screw material	X35CrMo17 (1.4122)
Ambient air temperature	-5 °C to +60 °C
Liquid temperature	-5 °C to +60 °C
Connection	Cable 8 x 0,25 mm ² x 1 m ± 5 %, PVC (red wire pinched off)
Protection type	IP 65 acc to IEC529 / EN 60529
Max. pressure	5 bar

Standards
DIN EN 60947-5-1

EU Conformity
acc. to directive 2011/65/EU (RoHS II)

General details
<p>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! Operate only at safe voltage sources! Pay attention to the contact protection, when switching inductive or capacitive loads.</p>

Inductive loads
<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>Direct current</p> <p>Suppression of voltage peaks with a free-wheeling diode</p> </div> <div style="text-align: center;"> <p>Alternating voltage</p> <p>Suppression of voltage peaks with a VDR</p> </div> <div style="text-align: center;"> <p>Suppression of voltage peaks with an RC element</p> </div> </div>

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