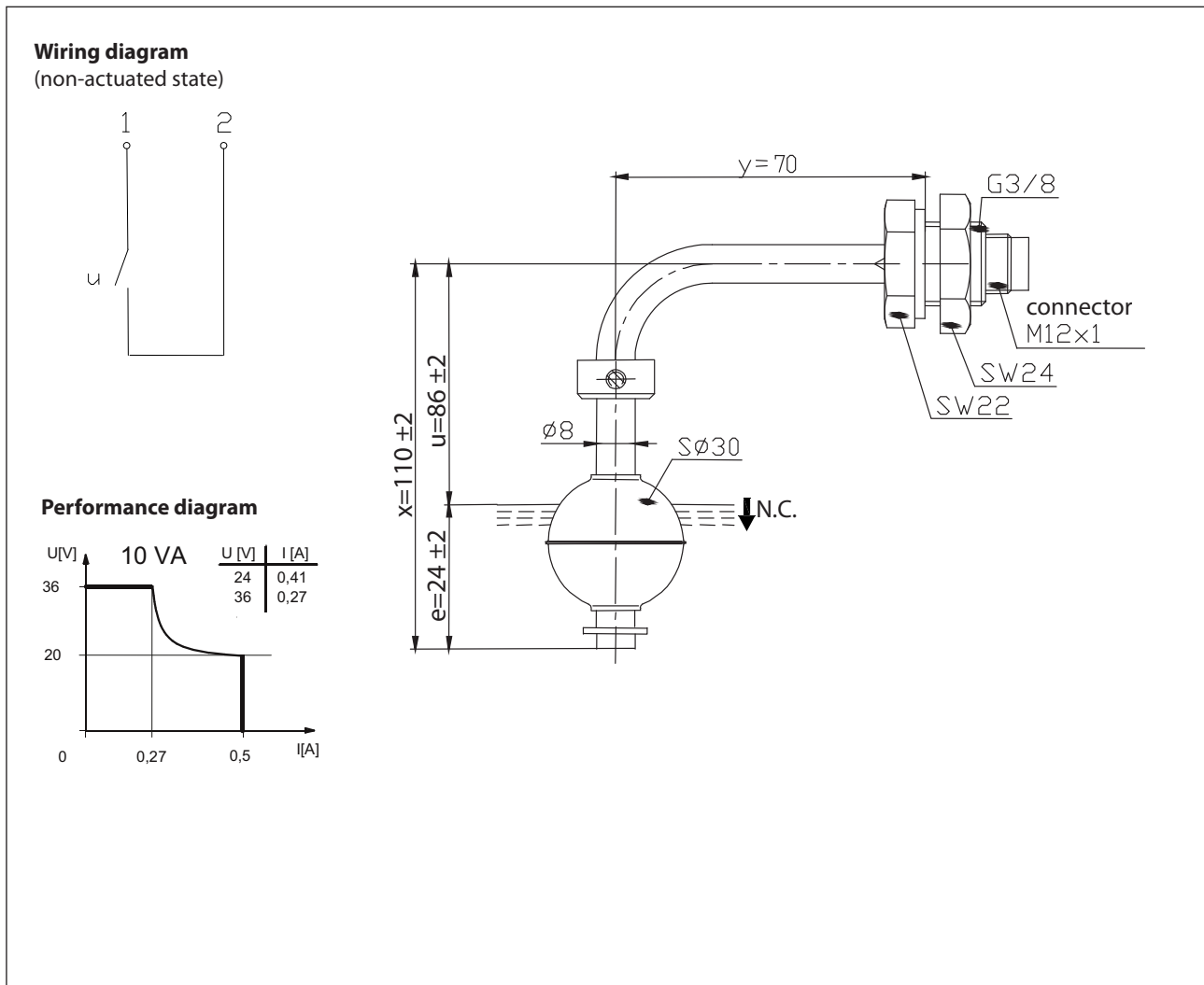


## Float switch

### Series Miniature-Float switch

Description **MSN1-NI-WR3/8ST-O 0110**

Article number **6891173051**



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
Rated impulse withstand voltage	$U_{imp}$	500 V AC
Overvoltage category		II
Switching element		1 N.C., falling level

Mechanical data	
Bolting material	X6CrNiMoTi17-12-2 (1.4571)
Hexagonal nut material	X10CrNiS18-9 (1.4305)
Switching tube material	X6CrNiMoTi17-12-2 (1.4571)
Float material	X6CrNiMoTi17-12-2 (1.4571)
- density	about 0,65 g/cm <sup>3</sup> ±10 %
- depth of immersion	18 mm ± 2 mm ( to a fluid-density of 1 g/cm <sup>3</sup> )
Adjusting ring material	X6CrNiMoTi17-12-2 (1.4571)
Grip screw material	X35CrMo17 (1.4122)
Ambient air temperature	-5 °C to +90 °C
Liquid temperature	-5 °C to +90 °C
Connection	Plug connector M12 x 1, 4-pole (poles 1 + 2 used)
Protection type	IP 65 acc to IEC529 / EN 60529
Max. pressure	5 bar

Standards
DIN EN 60947-5-1

**General details**

The measures of the switching points refer to a fluid-density of 1 g/cm<sup>3</sup>.  
 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!

