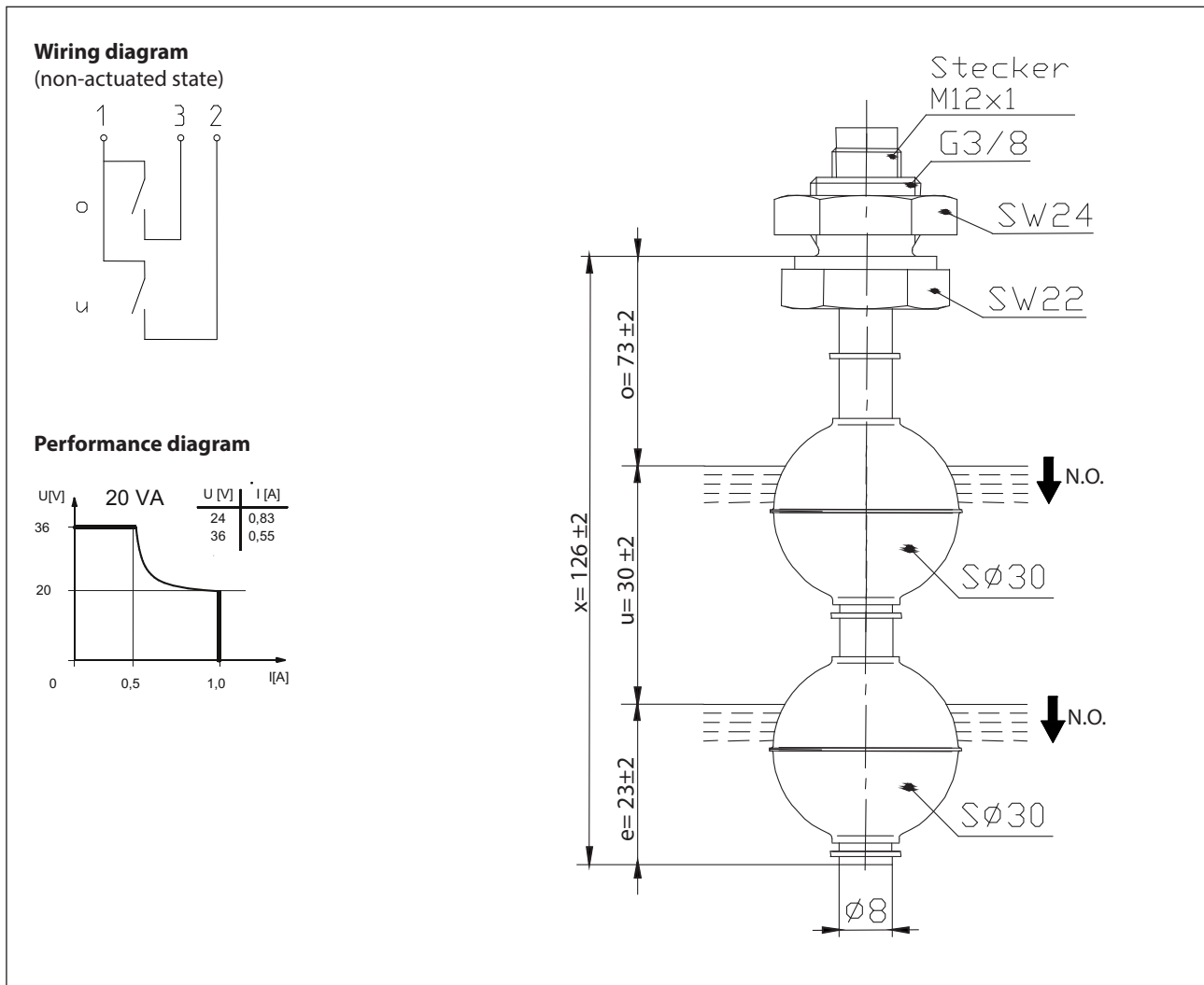


Float switch

Series Miniature-Float switch

Description **MSN1-NI-R3/8ST-2S 0126**

Article number **6891173034**



Electrical data		
Rated voltage	U_r	36 V
max. switching current		1,0 A
max. switching capacity		20 VA
Rated insulation voltage	U_i	50 V AC
Rated impulse withstand voltage	U_{imp}	500 V AC
Overvoltage category		II
mechanical life		10^7 to 10^9 switches
Switching element		2 N.O., falling level

Mechanical data	
Screw connection 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	X39CrMo17-1 (1.4122)
Gasket material	NBR
Ambient air temperature	-40 °C to +90 °C
Liquid temperature	-40 °C to +90 °C
Connection	Connector M12x1 (4-pole, A-coded)
Protection type	IP 65 acc. to IEC529 / EN 60529 (only in fully locked position with it's plugs)
Max. pressure	10 bar

General details

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!

