



## Nolta float switch, Level controller MS1

Manufacturer:	Nolta
Type:	40000100
Product no.:	40000100
Weight:	0.550

### ■ Details

The float switch MS1 is suitable for use in sewage treatment plants and pump stations with liquids contaminated with solids such as, for example, raw wastewater.

Due to their good chemical properties, the level controller MS1 are resistant to detergent solution, uric acids, sewage effluents, oils, gasoline, diesel oil, emulsions, alcohols, fruit acids, etc. as well as against many chemicals. Application up to 80 ° C.

### ■ Application

For the municipal, industrial, commercial and domestic area, e.g.

- Sewage pumping stations
- Wells
- Pump shafts

### ■ Specifications

Spec. Weight	0,95 - 1.05
Max. Temperature	80°C
Switching capacity	1 mA / 4V - 5A / 250V~ *
Switching angle	10°
Protection class	IP 68 / 2 bar
protection class	II
Cable	TPK/ PVC 3 x 0.75 mm <sup>2</sup>
Cable diameter	6,5 mm +/- 0,15
Height/diameter	180 / 100 mm
Housing	Polypropylene PP
Housing colour	Orange

\* Microswitches with gold-plated contacts for low switching currents in electronic circuits

### ■ Electrical connection

Function	Strand colour		
	grey	Black	Brown
draining of a container	Isolation	X	X
Filling of a container	X	Isolation	X
Alarm at high liquid levels	Isolation	X	X
Alarm at low liquid levels	X	Isolation	X

### ■ Installation

At the installation the level controller it is absolutely necessary to ensure that these can hang freely vertically, do not rest on the base, without impairment by shaft walls, pipes, fittings, etc. Free float and not in flow..

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■ **maintenance**

If the level controllers are correctly installed and installed, they are practically maintenance-free. Depending on the degree of contamination of the medium, the system must only be checked for deposits and cleaned, if necessary from time to time.