



## Nolta float switch, Level controller MS1, Cable 20,0 m

|               |           |
|---------------|-----------|
| Manufacturer: | Nolta     |
| Type:         | 40 000120 |
| Product no.:  | 40000120  |
| Weight:       | 2.200     |

### ■ 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

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