The NIVA level controller MS 1 ACS is the ideal solution to control liquids with high hygienic requirements. For example in:

- Wells
- Bottling plants
- Potable water reservoirs
The NIVA MS 1 ACS was designed especially for use in potable water and food applications. With the ACS – drinking water certificate this robust and long lasting switch qualifies for trouble free applications and a secure investment in your systems. Currently this type is only accredited for use in France.

Available versions:

<table>
<thead>
<tr>
<th>Type</th>
<th>Cable</th>
<th>Length (m)</th>
<th>Order-no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>W</td>
<td>TML-B 3 x 0.75</td>
<td>5</td>
<td>40 000805</td>
</tr>
<tr>
<td>W</td>
<td>TML-B 3 x 0.75</td>
<td>10</td>
<td>40 000810</td>
</tr>
<tr>
<td>W</td>
<td>TML-B 3 x 0.75</td>
<td>20</td>
<td>40 000820</td>
</tr>
</tbody>
</table>

W = Changeover (SPDT)  
Other cable types and lengths are available upon request

Application:
Especially for use in potable water and food applications.

- Drinking water certificate for France. Other countries accreditations pending.

Electronic connection

<table>
<thead>
<tr>
<th>Connection of level controllers</th>
<th>blue</th>
<th>black</th>
<th>brown</th>
</tr>
</thead>
<tbody>
<tr>
<td>For emptying a tank</td>
<td></td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>For filling a tank</td>
<td>X</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Alarm high level</td>
<td></td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Alarm low level</td>
<td>X</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Technical data:

- Specific weight: 0.95–1.05 kg or according to specification
- Max. temperature: 70°C (158°F)
- Breaking capacity: 1 mA / 4 V - 5 A / 250 V *
- Switch point: 10°
- Protective system: IP 68 / 2 bar
- Protection class: II
- Cable cross section: 3 x 0.75 mm²
- Height / diameter: 180 / 100 mm (7 in / 3.9 in)
- Housing quality: SABIC PP 56M10 00900
- Housing Colour: Blue
- Cable quality: TML-B
- Cable colour: Blue

* Micro-switch with gold-plated contacts especially for low currents in electronic circuits

ACS drinking water certificate 07 ACC LI 030
EC Declaration of Conformity

according to

EC Directive 2006 /95 / EC
EC Directiv RoHS 2002 / 95 / EC

We

NOLTA GmbH
35091 Colbe

hereby declare, that the products we manufacture conform in conception, design and circulated model to the relevant basic health and safety requirements of EC directives. If any changes are made to the level – controllers without our prior consent, this declaration loses its validity.

Products: Level – Controllers
Type: MS 1 ACS
Applied harmonized standards:
• DIN EN 60730-2-16 (VDE 0631-2-16):200208+/A11:2005 11

Colbe, 14.04.2009

Dr.-Ing. Jochen Knake / Geschäftsführer

Wolfgang Seip / Quality Manager