Magnetic Level Sensor
Vertical Float

Operating Diagram

OFF

ON
Magnetic Level Sensor  
Vertical Float

Specifications:

Electrical Characteristics
- Contact form (ASA): A.
- Contact material: Ru.
- Maximum contact rating: 10W/VA.
- Maximum switching current: 1.0A.
- Maximum carry current: 1.2A.
- Maximum switching voltage: 200V DC. / 140V AC.
- Minimum breakdown voltage: 240V DC.

Temperature Range
- Operating temperature: -20 to +80°C.
- Storage temperature: -30 to +80°C.

Material
- Case/Nut: PP.
- Float: PP.
- Washer: TEP.
- Potting compound: Epoxy.
- Cable: UL 1007, AWG 24.

Testing
Sensors tested 100% for electrical function and operating distance.

Remarks
When mounted near ferromagnetic parts switching points may vary.

Part Number Table

<table>
<thead>
<tr>
<th>Description</th>
<th>Part Number</th>
</tr>
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<tbody>
<tr>
<td>Float Switch, NO, 140V</td>
<td>MCPLS-031-A-3</td>
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</tbody>
</table>

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