

PLS-080B-3VAL



**PLS-080B-3VAL**

Stainless Steel Level Sensor

Electrical Characteristics @ 25 °C

|                        |        |     |
|------------------------|--------|-----|
| Contact form           |        | B   |
| Contact rating max.    | W / VA | 10  |
| Switching voltage max. | VDC    | 200 |
|                        | VAC    | 140 |
| Switching current max. | A      | 1   |
| Carry current max.     | A      | 1.2 |
| Breakdown voltage min. | VDC    | 240 |
| Total resistance max.  | mΩ     | 180 |

Environmental Characteristics

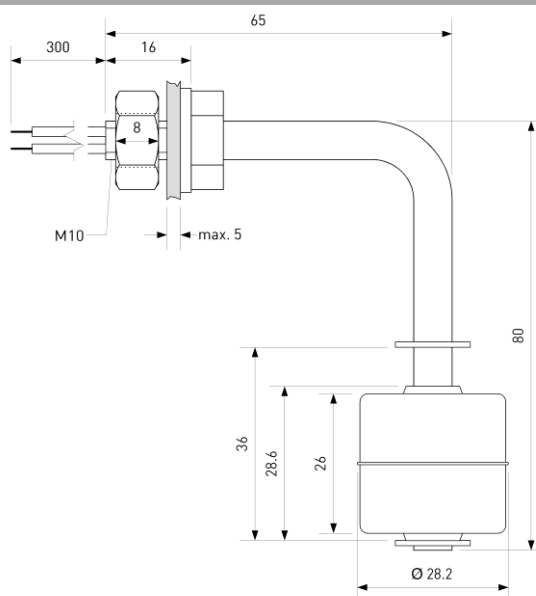
|                       |    |             |
|-----------------------|----|-------------|
| Operating temperature | °C | -40 to +125 |
| Storage temperature   | °C | -40 to +125 |

Mechanical Characteristics

|                                       |                     |                        |
|---------------------------------------|---------------------|------------------------|
| Density of float typ.*                | g / cm <sup>3</sup> | 0.7                    |
| Recommended minimum gravity of medium | g / cm <sup>3</sup> | Density of float + 20% |

\* in delivery condition

Dimensions in mm



Features

- > Stainless Steel housing
- > Rugged and durable
- > Suitable for food contact
- > Extended temperature range
- > typ. Load resistive

Approvals



Ordering Information

|                    |     |     |
|--------------------|-----|-----|
| Packing Unit       | 5   | pcs |
| Weight per piece   | 54  | g   |
| Weight per package | 278 | g   |

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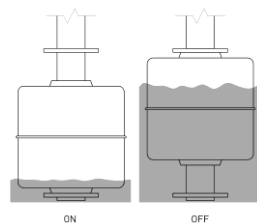
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Material Information

|              | Material                                    | Colour |
|--------------|---|--------|
| Housing      | Stainless Steel 304, mechanically polished  |        |
| Cable        | UL 1332, AWG 24, 4 mm stripped and tinned   | black  |
| Nuts         | Stainless Steel 304, M10, 1 pc preassembled |        |
| Float        | Stainless Steel 304, mechanically polished  |        |
| Potting      | PU / Epoxy                                  | black  |
| Sealing ring | Silicone                                    | white  |

Operation View

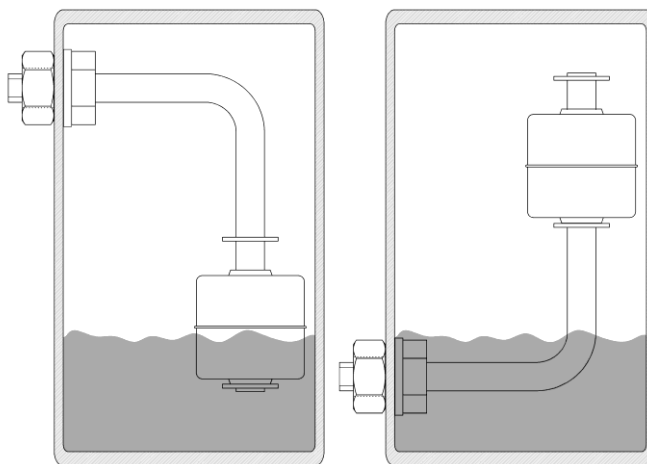


Remarks

When mounted near ferromagnetic parts switching distance of PLS-080B-3VAL may vary.

Electromagnetical influences and magnetic fields may change the switching behaviour of the Level Sensor.

Mounting



When mounted stem up, operating functions are reversed.