

PLS-045A-6VAI



PLS-045A-6VAI

Stainless Steel Power Level Sensor

Electrical Characteristics @ 25 °C

| | | |
|------------------------|--------|-----|
| Contact form | | A |
| Contact rating max. | W / VA | 50 |
| Switching voltage max. | VDC | 200 |
| | VAC | 250 |
| Switching current max. | A | 1.5 |
| Carry current max. | A | 2 |
| Breakdown voltage min. | VDC | 400 |
| Total resistance max. | mΩ | 150 |

Environmental Characteristics

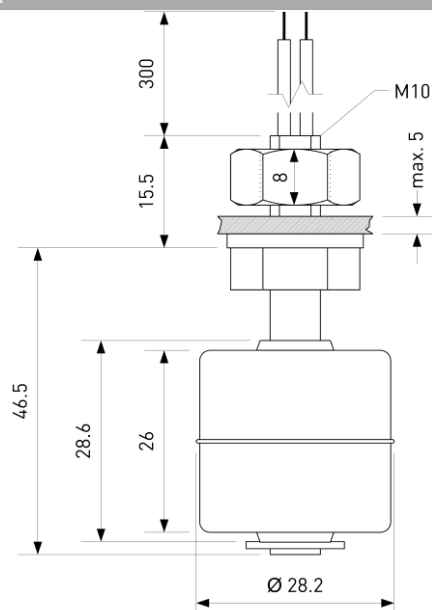
| | | |
|-----------------------|----|-------------|
| Operating temperature | °C | -40 to +125 |
| Storage temperature | °C | -40 to +125 |

Mechanical Characteristics

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

* in delivery condition

Dimensions in mm



Features

- Stainless Steel housing
- Rugged and durable
- Mains voltage variant
- Suitable for food contact
- Extended temperature range

Approvals

RoHS

REACH

IP 67

CE US

Ordering Information

| | | |
|--------------------|-----|-----|
| Packing Unit | 5 | pcs |
| Weight per piece | 46 | g |
| Weight per package | 232 | g |

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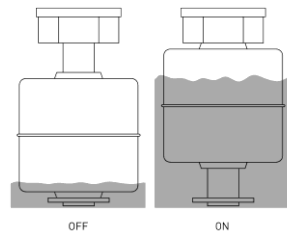
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Material Information

| | Material | Colour |
|--------------|---|--------|
| Housing | Stainless Steel 304, mechanically polished | |
| Cable | UL 1332, AWG 22, 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

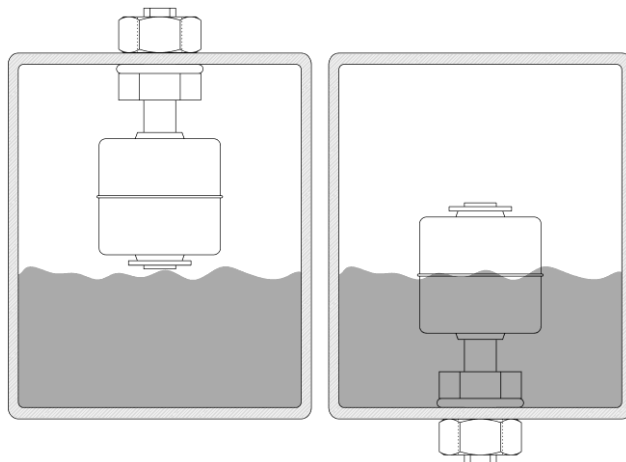


Remarks

When mounted near ferromagnetic parts switching distance of PLS-045A-6VAI 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.