PIC
SWITCHING THE SMART WAY

PLS-081A-6VAI

Stainless Steel Power Level Sensor

Electrical Characteristics @ 25 °

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

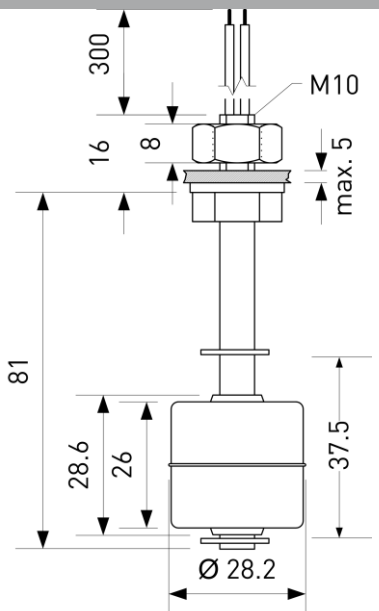
Operating temperature	°C	-40 to +125
Storage temperature	°C	-40 to +125

Mechanical Characteristics

Density of float typ.*	g / cm³	0.7
Recommended minimum gravity of medium	g / cm³	Density of float + 20%

* in delivery condition

Dimensions in mm



Features

- Stainless Steel housing
- Rugged and durable
- Suitable for food contact
- Extended temperature range
- Customized types available

Approvals

RoHS
REACH
IP67

Contact PIC for Agency Ratings!

Ordering Information

Packing Unit	5	pcs
Weight per piece	52	g
Weight per package	260	g

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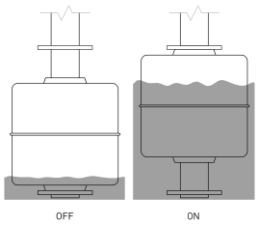
Material Information

	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

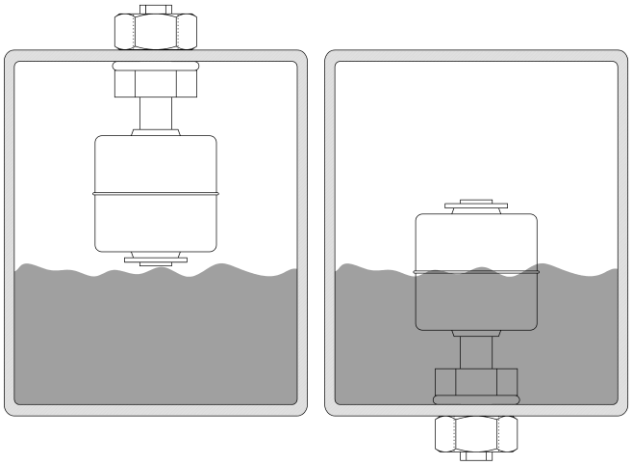


Remarks

When mounted near ferromagnetic parts switching distance of PLS-081A-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.

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