PIC
SWITCHING THE SMART WAY

PLS-080A-3VAL

Stainless Steel Level Sensor

Electrical Characteristics @ 25 °

Contact form		A
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

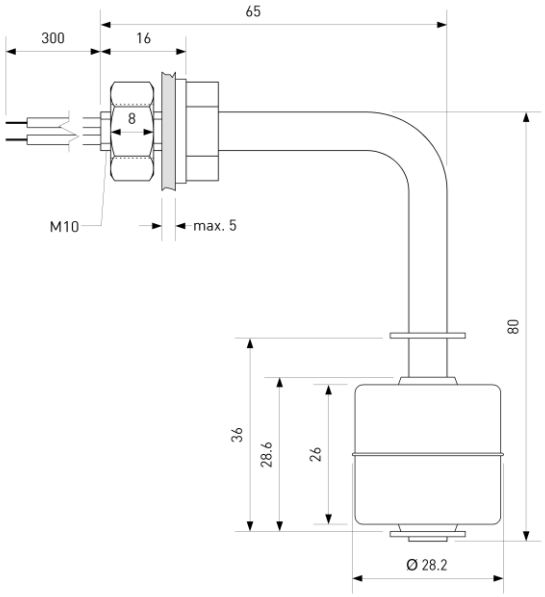
Operating temperature	°C	-40 to +125
Storage temperature	°C	-40 to +125

Mechanical Characteristics

Density of float typ.*	g / 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
- typ. Load resistive

Approvals

RoHS

REACH

IP67

Contact PIC for Agency Ratings!

Ordering Information

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

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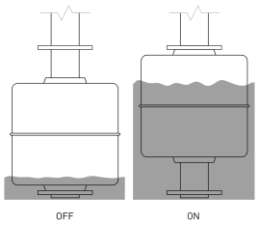
Material Information

	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

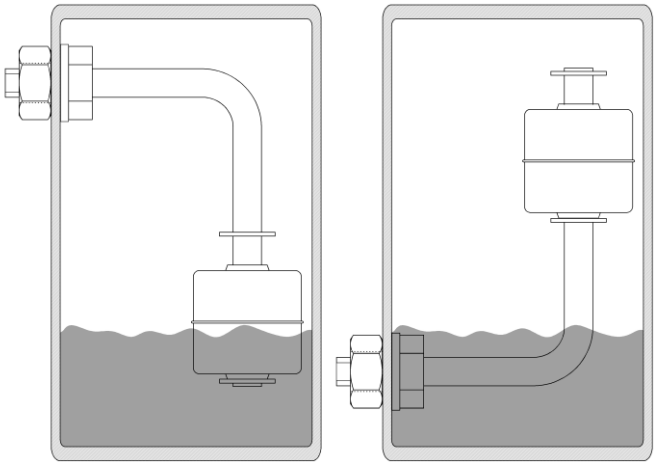


Remarks

When mounted near ferromagnetic parts switching distance of PLS-080A-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.

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