PIC
SWITCHING THE SMART WAY



PLS-020A-3PPI

World´s smallest magnetic
Level Sensor

Electrical Characteristics @ 25 °

Contact form		A
Contact rating max.	W / VA	10
Switching voltage max.	VDC	180
	VAC	130
Switching current max.	A	0.7
Carry current max.	A	1
Breakdown voltage min.	VDC	200
Total resistance max.	mΩ	280

Environmental Characteristics

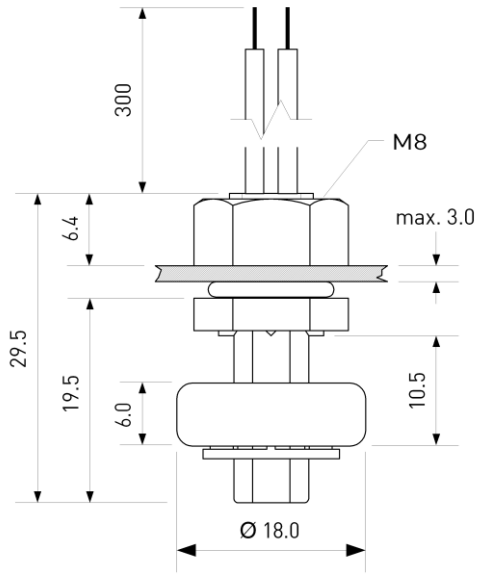
Operating temperature	°C	-20 to +80
Storage temperature	°C	-30 to +80

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

- Polypropylene housing
- FDA test passed
- typ. Load resistive
- Customized types available

Approvals

RoHS
REACH
IP67

Contact PIC for Agency Ratings!

Ordering Information

Packing Unit	20	pcs
Weight per piece	5.6	g
Weight per package	120	g

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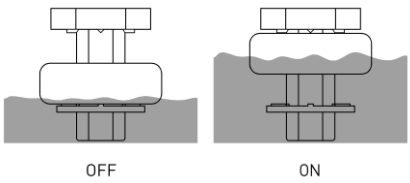
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Material Information

	Material	Colour
Housing	PA	black
Cable	UL 1007, AWG 24, 4 mm stripped and tinned	white
Nuts	PA66, M8, 1 pc preassembled	white
Float	PP foam	white
Potting	PU / Epoxy	black
Sealing ring	Silicone	white

Operation View

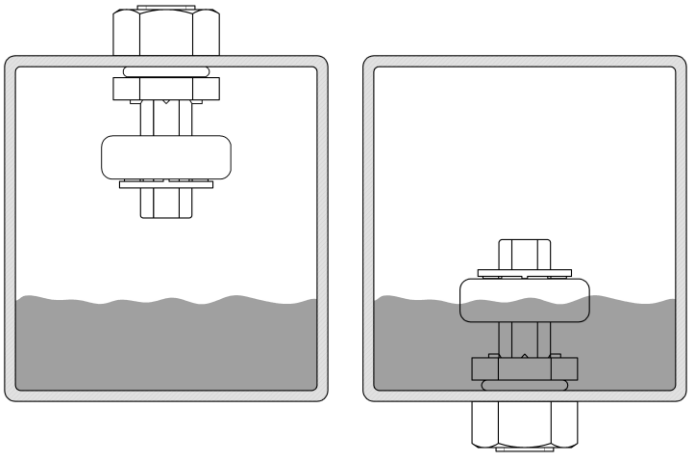


Remarks

When mounted near ferromagnetic parts switching distance of PLS-020A-3PPI 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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