

## PLS-020A-3PPI



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World's smallest magnetic  
Level Sensor

### Electrical Characteristics @ 25 °C

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

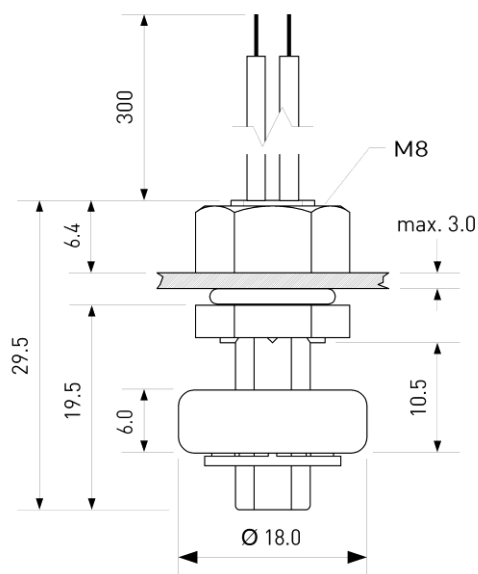
Operating temperature	°C	-20 to +80
Storage temperature	°C	-30 to +80

### Mechanical Characteristics

Density of float typ.*	g / 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

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

### Approvals



### Ordering Information

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

PLS-020A-3PPI



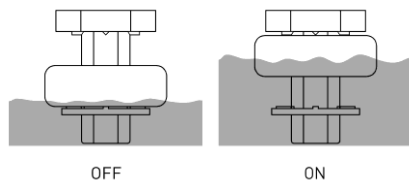
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Material Information

	Material	Colour
Housing	PP	white
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

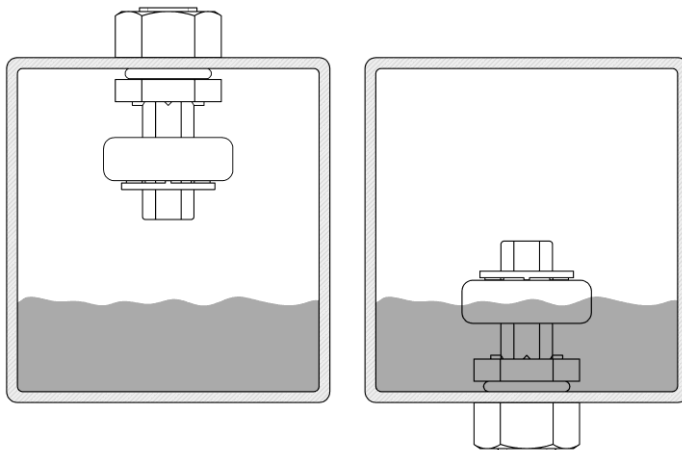


Remarks

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.