

Features

- Ultra-small float switch for space-saving installations
- Normally Closed (NC) configuration for secure operation
- Durable polypropylene housing for long-lasting performance
- FDA test passed, ensuring safety and compliance

RS PRO Float Switch - Level Sensor, NC Output, Vertical, Polypropylene

RS Stock No.: 0307103



RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

Product Description

Introducing the RS PRO Float Switch – a state-of-the-art vertical float magnetic level sensor designed to transform liquid level detection. Encased in robust polypropylene (PP) and featuring a form-B normally closed ruthenium contact, this ultra-small float switch excels in applications such as coffee machines and maintaining optimal water levels in tanks.

Electrical Specifications

Electrical Characteristics		@ 25 °C
Contact form		B
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

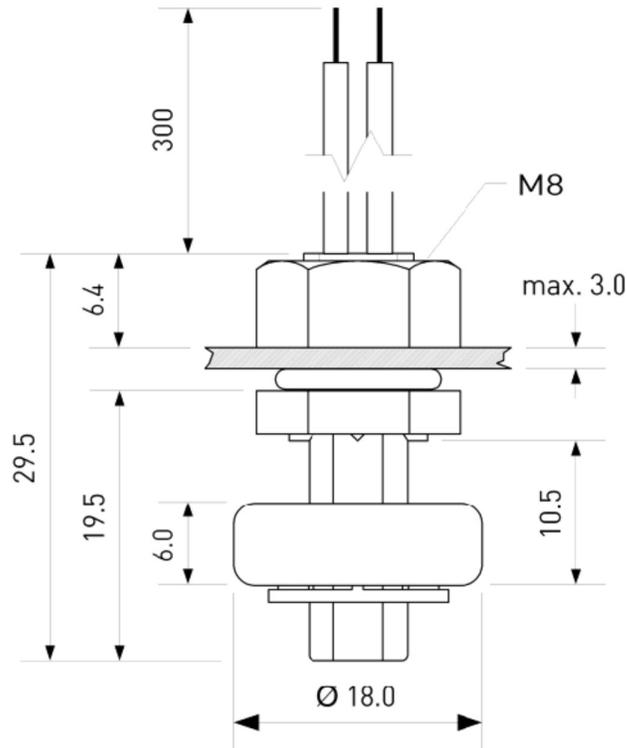
Environmental Characteristics		
Operating temperature	°C	-20 to +80
Storage temperature	°C	-30 to +80

Mechanical Characteristics

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

* in delivery condition

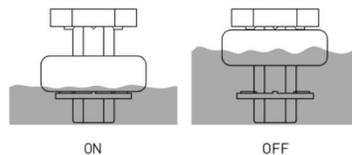
Dimensions in mm



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

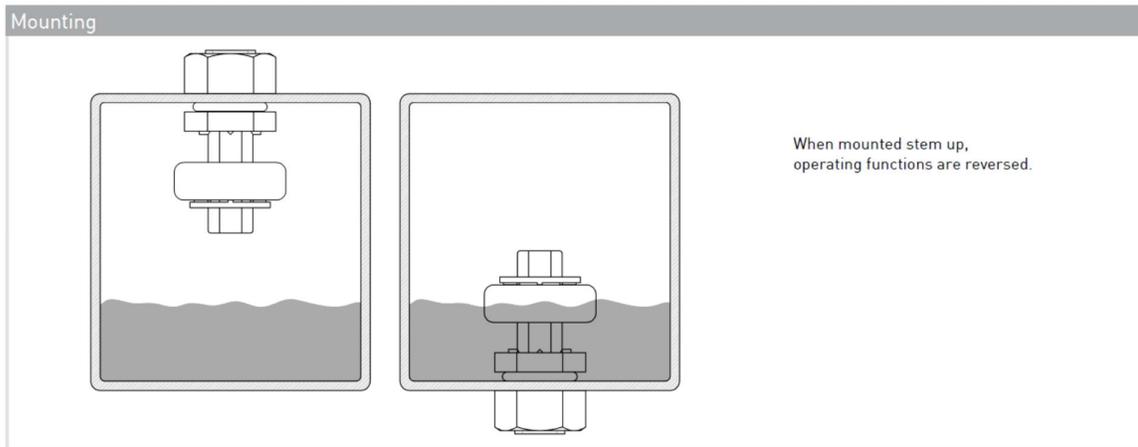
Operation View



Remarks

When mounted near ferromagnetic parts switching distance of PLS-020B-3PPI may vary.

Electromagnetical influences and magnetic fields may change the switching behaviour of the Level Sensor.



Related Product

Stock No.	Brand	Product Name	Attribute 1
519-248	RS PRO	Float Switch	Normally open version