

## Type 2285 Level Float Switch



### Product description

The type 2285 Level Float Switch is suitable for level switching of various liquids, sewage in shafts, tanks, basins or cisterns. The double-chambered float is made of injection molded tough polypropylene that ensures good waterproof protection.

The contacting microswitch is incorporated in the float. The cable of the level switch is absolutely waterproof and PVC insulated. Different control tasks such as liquid level monitoring and pump control can be realized. It is a mercury-free contact and suitable for level switching of drinking water, raw water or polluted liquids with low solid content.

The level switching is done when the contact reaches the  $\pm 45^\circ$  switching angle. The switching differential of the level switch is adjustable by the position of the counterweight on the cable. The level switches should be arranged appropriately in case of multi-level switching tasks to avoid undesired tangling of the cables.

### Benefits/features

- Hermetically molded, double chamber
- Mercury free operated micro switch
- Use for drinking and wastewater



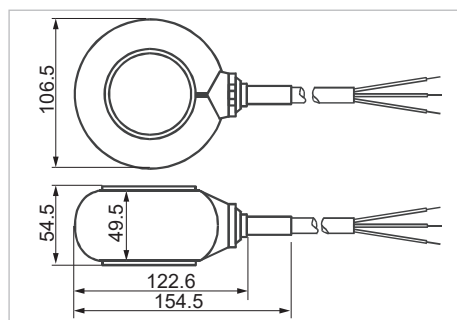
### Applications

- Tap water
- River water
- Sump shafts

## Technical data

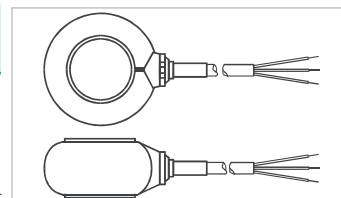
General	Float switch	Optional Counterweight
Type	2285-P-6C-Y	
Cable length	5m (16.5 ft), 10m (33 ft), 20m (66 ft)	
Switching angle	± 45°	
Weight	250 g (0.55 lb), without cable	
<b>Environment</b>		
Medium temperature	0 °C to +50 °C (+32 °F to +122 °F)	
Medium density	min. 0.8g/cm <sup>3</sup>	
Medium pressure	0.1 Mpa (1 bar g – 14.5 psi g)	
<b>Housing</b>		
Housing material	PP	PP
Cable material	Neoprene	
Protection rating	IP68, NEMA 6P equivalent	IP68, NEMA 6P
<b>Electronics</b>		
Microswitch	10(4) A, 250 V AC, AC1	
Cable	9 mm (0.35 inch)/ 3 x 1 mm <sup>2</sup> (AWG 17)	
<b>Standards/approvals</b>		
General approvals	CE, UKCA, RoHS	

## Dimensions



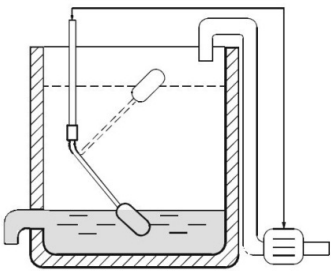
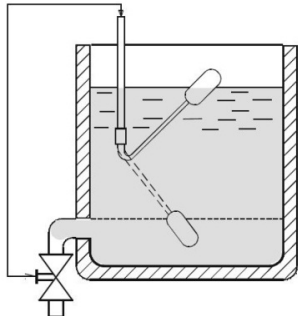
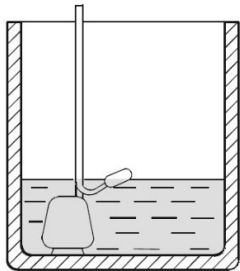
## Ordering Information

Manufacturer's part no.	Part no.	Description
2285-P-6C-5	159 300 280	Level Float, PP, cable neoprene 5 m (16.5 ft), microswitch NO/NC
2285-P-6C-10	159 300 281	Level Float, PP, cable neoprene 10 m (33 ft), microswitch NO/NC
2285-P-6C-20	159 300 282	Level Float, PP, cable neoprene 20 m (66 ft), microswitch NO/NC
2285-P-weight	159 300 289	Counterweight for 2285 float (optional)



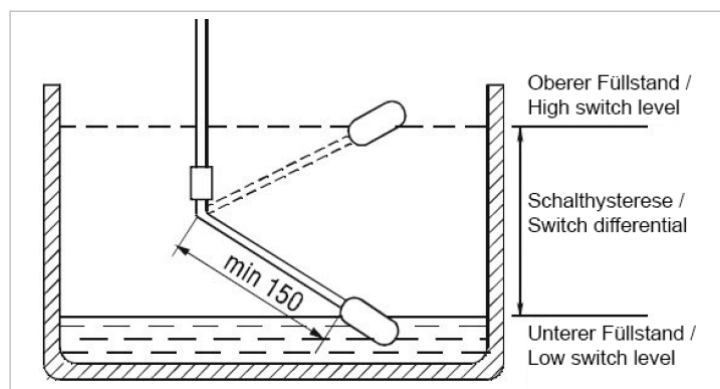
## Technical basics

### Overview of functions

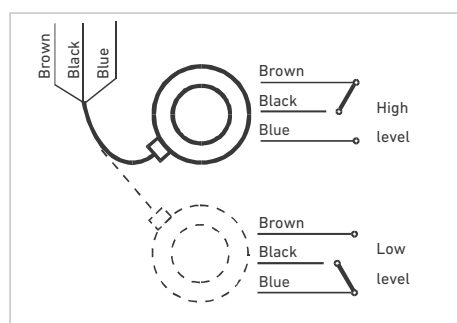
Filling control	Draining control	Pump protection
		

## Handling

### Installation notes



## Wiring



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