



The 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 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.

Features

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

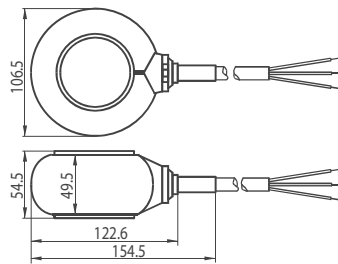


Applications

- Tap water
- River water
- Sump shafts



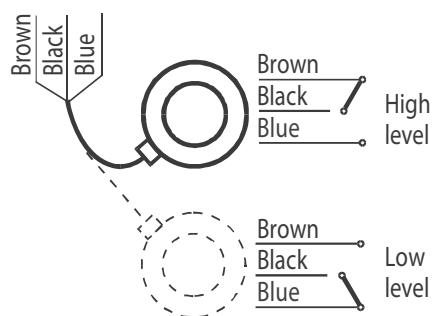
Dimensions



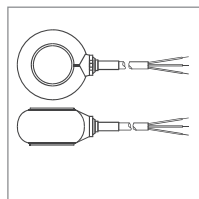
Specifications

Float Switch		Counterweight
General		
Type	2285-P-6C-Y	
Cable Length	5 m (16.5 ft), 10 m (33 ft), 20 m (66 ft)	
Switching Angle	± 45°	
Mass	250 g (0.55 lb), without cable	
Environmental		
Medium Temperature	0 °C to +50 °C (+32 °F to +122 °F)	
Medium Density	min. 0,8g/cm ³	
Medium Pressure	0.1 Mpa (1 bar g - 14.5 psi g)	
Enclosure		
Enclosure material	PP	PP
Cable Material	Neoprene	
Ingress Protection	IP 68, NEMA 6P	IP 68, NEMA 6P
Electrical		
Microswitch	10(4) A, 250 V AC, AC1	
Cable	9 mm (0.35 inch) / 3 x 1 mm ² (AWG 17)	
Standards & Approvals		
General Approvals	CE, RoHS	

Wiring



Ordering Information



Mfr. Part No.	Code	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