

2285 Level Float Switch



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 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.

Features

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

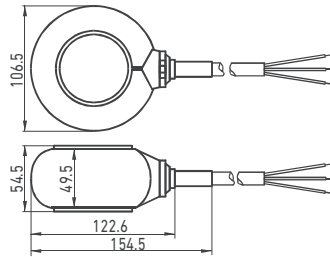


Applications

- Tap water
- River water
- Sump shafts



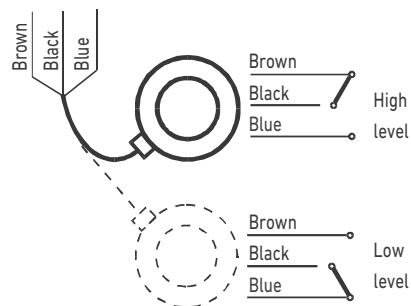
Dimensions



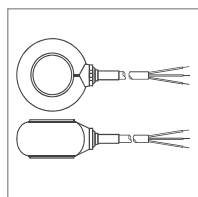
Specifications

| | 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 |