2282 Guided Float Switch





The Guided Float Switch is designed for economical control of liquids in tanks. The switch is remarkable for its maintenance-free compact design and reed contacts with high switch capacity. It can easily be installed in water applications as well as in chemical applications.

The encapsulated reed contact is operated by the magnet. The switching function (N/O contact/N/C contact) is determined by the installation position. The switching function is reserved by simply rotating the switch through 180 $^{\circ}$.

Features

- Optimized chemical compatibility
- Very compact design
- PP and PVDF version available
- For small tanks

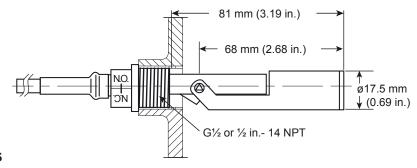
CE RoHS

Applications

- Cooling Water
- Demineralized Water
- Water/Glycol Solutions
- Chemicals



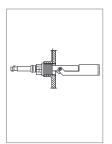
Dimensions



Specifications

General		
Туре	2282-Y-YY-Y	
Environmental		
Max. Temperature	-65 °C +100 °C (-85 °F +212 °F)	
Max. Pressure	1 MPa (10 bar) 145 psi	
Medium Density	>0.6 g/cm3	
Enclosure		
Enclosure/float material	PP or PVDF	
Cable material	PVC	
Ingress Protection	IP68, NEMA 6P	
Process Connection	1/2" BSP, NPT	
Electrical		
Outputs	Reed contact	
Contact Resistance	max. 80 mΩ	
Max. Voltage rating	230 V AC/DC	
Max. Current rating	2 A / 40 VA	
Cable Type	AWG 20, 2-Core, PVC, 1 m	
Contact components	N/O or N/C depending on the installation	
Standard and Approvals		
General Approvals	CE, RoHS	

Ordering Information



Mfr. Part No.	Code	Description	
Versions with BSP thread			
2282-P-6CB	159 300 261	PP body, cable, 1/2" BSP	
2282-V-6CB	159 300 263	PVDF body, cable, 1/2" BSP	
Versions with NPT thread			
2282-P-6CN	159 300 265	PP body, cable, 1/2" NPT	
2282-V-6CN	159 300 267	PVDF body, cable, 1/2" NPT	