

Marine Float Level Controller

Float level controllers designed for marine applications use a float mechanism to detect and monitor liquid levels within tanks. The controller is constructed from durable materials suitable for harsh marine conditions, ensuring long-term performance and resistance to corrosion.



ADDITIONAL IMAGES



Product Overview

Precision Liquid Level Monitoring

This marine-grade float level controller utilizes magnetic coupling and reed switch technology to provide reliable, continuous liquid level measurement. It converts resistance changes into a standard 4-20mA current signal, enabling remote monitoring and automatic control. Designed for versatility, it is suitable for diverse industrial environments including chemical engineering, water treatment, and marine storage systems.

Key Performance Metrics

Measuring Range

6000 mm

Max Range

Measurement Accuracy

10 mm

Accuracy

Output Signal

4~20mA

Power Supply

DC24V

Operating Conditions

Temperature Range

-40 to 100 °C

Max Working Pressure

1.6 MPa

Minimum Medium Density

0.6 g/cm³

Technical Specifications

Protection Rating	IP65
Wetted Materials	1Cr18Ni9Ti, SUS316L, 316, PVC, PTFE
Load Impedance	750 ©
Power Consumption	0.5 W

Installation & Compatibility

Installation Types	<ul style="list-style-type: none">• Top loading• Side installation
Flange Standard	JB/T82-59
Outlet Connection	M20X1.5 (Inner thread)

Applications

Suitable Industries	Refining, Chemical Engineering, Papermaking, Food Processing, Pharmacy, Sewage Treatment, Marine
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