

Jinbo Marine

Marine & Offshore Equipment Datasheet

PRODUCT DATASHEET

MARINE LEVEL SWITCH

CLS-01 Capacitive Level Switch

Features: No moving parts Easy installation Wetted parts in AISI 316 and PTFE(Teflon) Built in temperature sensor(Pt100)-OPTIONAL Connection box can be rotated 300 Description: C...

ISO9001 Supplier

Class Certificate

Export Supply



Key Highlights

Category	Marine Level Switch
Standard	ISO
Material	10mm Material sensor tip, wetted part:
Weight / Size	3.2MPa Connection size:
Certificate	ABS, LR, BV, DNVGL, NK, KR, IRS, RMRS, CCS

We can supply according to your requirement, drawings, class certificate needs, and delivery schedule.

Technical Specifications

Category	Marine Level Switch	Model / SKU	CLS-01-Capacitive-Level-Switch
Standard	ISO	Material	10mm Material sensor tip, wetted part:
Weight / Size	3.2MPa Connection size:	Certificate	ABS, LR, BV, DNVGL, NK, KR, IRS, RMRS, CCS
Warranty	12 Months unless specified otherwise	Origin	China

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Features:

No moving parts

Easy installation

Wetted parts in AISI 316 and PTFE(Teflon)



Built in temperature sensor(Pt100)-OPTIONAL

Connection box can be rotated 300

Description:

CLS-01 is a high quality level switch with capacitive element, and CLS-02 with temperature sensor built in.

Liquid or non-liquid between the inner sensor and the detection pipe has been detected as a change in the electrostatic capacity. The variations of the capacitance will occur when the probe immersed into the fluid or exposed to the air.

It is possible to install on a close distance from the outside wall etc., because of double pipe structure of the inner sensor and

the detection pipe.

Technical specifications:

Power supply: 24VDC/0.6W MAX.

Normal current consumption: Approximately 25mA

Maximum current consumption: Approximately 40mA

Relay alarm output: 2 potential free contacts 125 VAC/0.3 A or 30VDC/1 A

Operating ambient temperature: MAX.70C

Medium temperature: MAX.160C

Working pressure: 1.6MPa

Test pressure: 3.2MPa

Connection size: ISO228-G1/2 OR ISO228-G3/4 or other

Minimum distance from sensor tip: 10mm

Material sensor tip, wetted part: AISI 316 and Teflon

Cable gland connection: M24 X1.5(8-14 mm)