


**RDLM SERIES LEVEL MONITORING AND ALARM SYSTEM**

# RDLM GM/RA Radar Type Level Gauge

Working principle The system is used for continuous level measurement. The sensor of the system emits pulses. These pulses are reflected by the product and received by the antenna as echoes. The running time of the pu...

- ISO9001 Supplier
- Class Certificate
- Export Supply



The diagram illustrates the RDLM GM/RA Radar Type Level Gauge system. It features a central control unit with a monitor and keyboard. To the left, there are components labeled 'RDLM-GM/RA', '雷达传感器 (Radar sensor)', and '导向微波传感器 (Guide microwave sensor)'. To the right, a tank is shown with three radar sensors mounted on top, measuring the liquid level inside. A watermark 'jinbomarine.com' is visible across the image.

### Key Highlights

<b>Category</b>	RDLM Series Level Monitoring and Alarm System
<b>Standard</b>	EN
<b>Certificate</b>	CCS

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

## Technical Specifications

<b>Category</b>	RDLM Series Level Monitoring and Alarm System	<b>Model / SKU</b>	RDLM-GM-RA-Radar-Type-Level-Gauge
<b>Standard</b>	EN	<b>Certificate</b>	CCS
<b>Warranty</b>	12 Months unless specified otherwise	<b>Origin</b>	China

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## Working principle

The system is used for continuous level measurement. The sensor of the system emits pulses. These pulses are reflected by the product and received by the antenna as echoes. The running time of the pulses from emission to reception is proportional to the distance and hence to the level. The determined level is converted into an appropriate output signal and outputted as measured valve.



## Tech. Spec.

Power: DC24V

Protection class: IP67

Output signal: 4~20mA HART or PROFIBUS, 2wires

Ex-proof degree: Exia IICT6

Accuracy: 0.2%FS, 0.5%FS

Type approval: CCS, GL, NK

## Characteristic

Max measure height: 35m

Contactless measure method

Medium temp.limit: 400 ,press.limit: 100 Bar

Max reduce potential damage by all-weather and solid housing.

Fine resolution, without long term drift, process echo signal by knowledge ware

Anti-temperature, anti high-pressure, anti enrich gas, anti layered gas, anti-sound, anti blast air, stive or steam

Debug mode: PLICSCOM, VEGAPC DTM