

Radar level sensor



Greegoo Radar Level Sensor is a device that utilizes high-frequency electromagnetic waves (80GHz) for level measurement, featuring high precision and non-contact measurement. It is capable of adapting to level measurement requirements in various complex working conditions, particularly suitable for applications such as urban waterlogging monitoring, open channel water level monitoring, and sewage discharge. Widely used for measuring levels of highly corrosive and high-dust media, it provides a reliable level monitoring solution for industrial production and environmental protection.

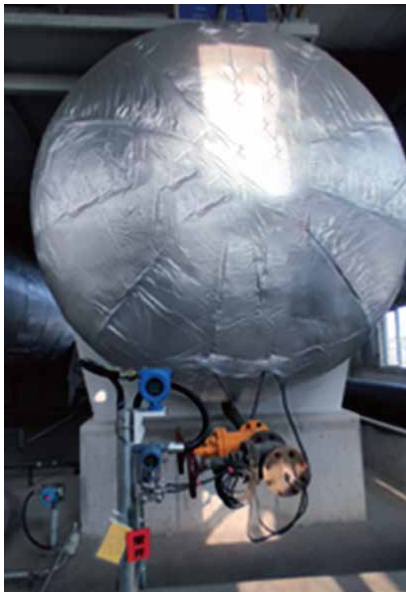
Product Application



Radar Level Sensor

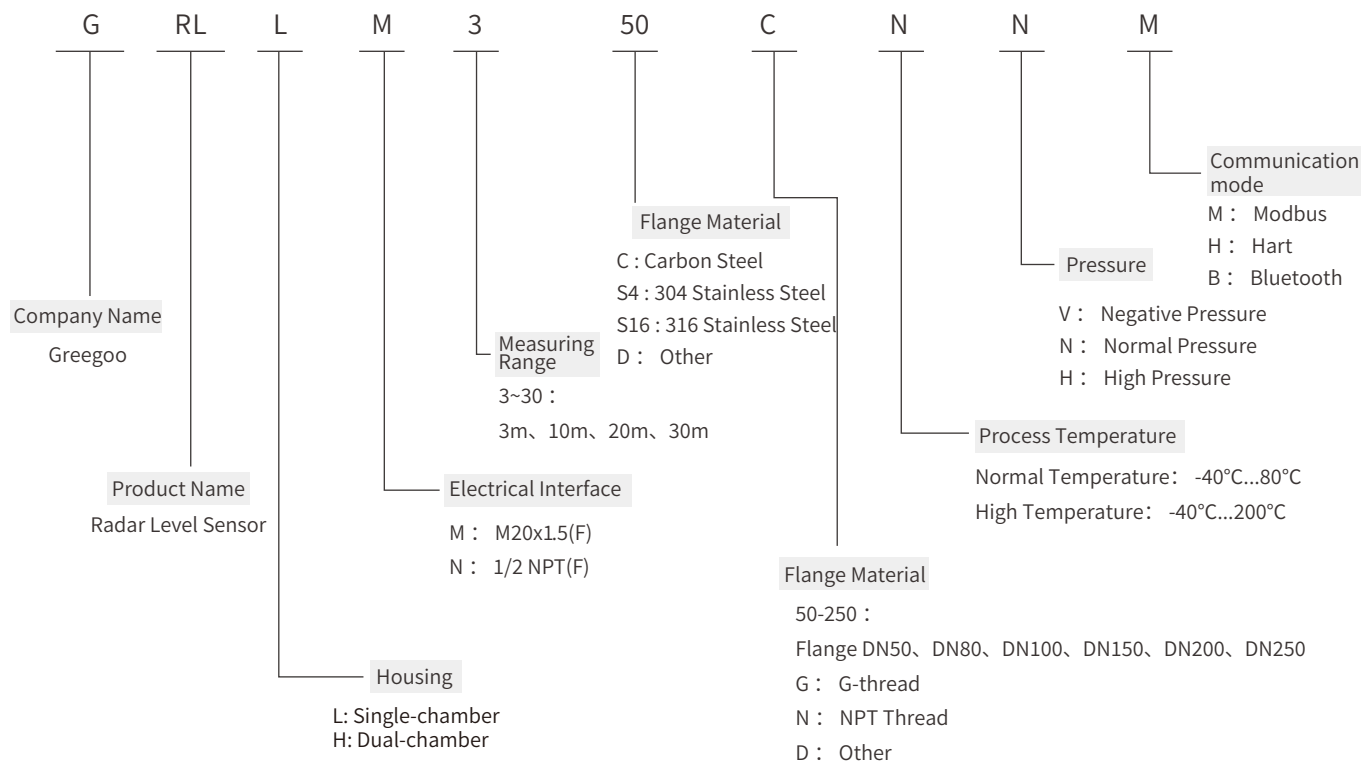


Radar Level Sensor



Radar Level Sensor

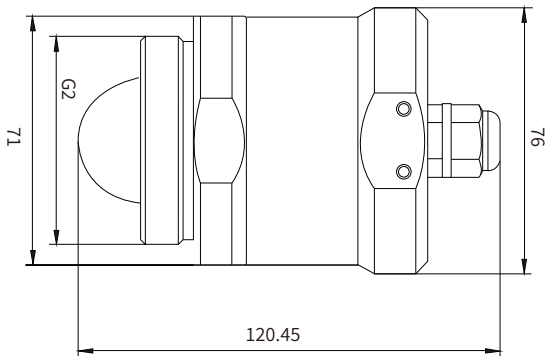
Model Selection Guide



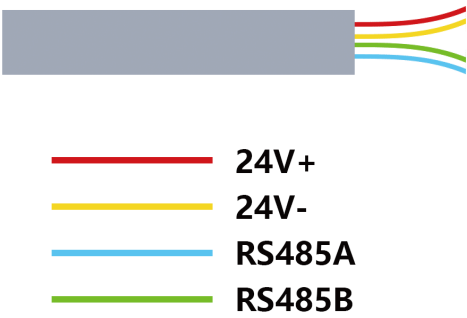
Product Features

- Frequency-Modulated Continuous Wave (FMCW) Technology
- Suitable for both liquid and solid level measurement
- Strong penetration capability, ideal for high-vapor and high-dust applications

Dimension Diagram



Wiring Diagram



Radar Level Sensor

Name	Technical Parameters
Operating Voltage	24VDC
Measuring Range	0...30m
Accuracy	±2mm
Output Signal	4...20mA/Modbus/Rs485
Ambient Temperature	-25°C...60°C
Ingress Protection	IP68
Display	APP Smartphone Bluetooth APP
Dimensions	76mmx120mm
Material	Stainless Steel
Installation	G2 Thread

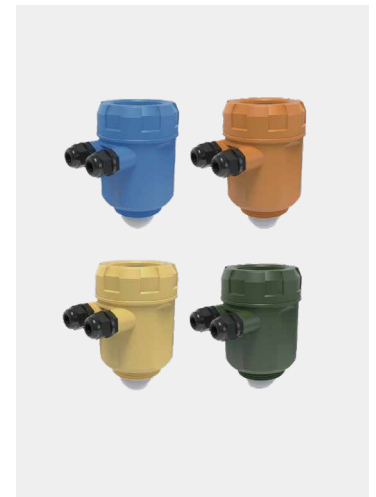


80GHz Radar Level Sensor

Name	Technical Parameters
Operating Voltage	24VDC
Measuring Range	0...30m
Accuracy	±2mm
Output Signal	4...20mA/Modbus/Rs485
Ambient Temperature	-25°C...60°C
Ingress Protection	IP68(1m1h)
Display	APP Smartphone Bluetooth APP
Dimensions	76mmx120mm
Material	Stainless Steel
Installation	G2 Thread


80GHz Digital-Display Radar Level Sensor

Name	Technical Parameters
Operating Voltage	24VDC, 12VDC
Measuring Range	0...30m
Accuracy	±2mm
Output Signal	4...20mA/Modbus/Rs485
Ambient Temperature	-40°C...70°C
Ingress Protection	IP67
Display	128×64 Dot Matrix LCD Screen, Smartphone APP Support
Outline Dimensions	76mmx107mm
Housing Material	PP/ABS


80GHz Radar Water Level Sensor

Name	Technical Parameters
Operating Voltage	24VDC, 12VDC
Measuring Range	0...30m
Accuracy	±2mm
Output Signal	4...20mA/Modbus/Rs485
Ambient Temperature	-40°C...70°C
Ingress Protection	IP68
Display	APP Smartphone Bluetooth APP
Outline Dimensions	76mmx107mm
Housing Material	Aluminum Alloy / Stainless Steel



External Mounted Level Switch

Name	Technical Parameters
Application	Non-contact measurement for monitoring liquid level changes in storage tanks, providing high/low limit alarms.
Operating Voltage	24VDC
Output Signal	Relay Output (Passive Contact)
Relay Capacity	[30VDC 6A)、(250VAC 6A)
Accuracy	±2mm
Measurable Wall Thickness	≤60mm
Tank Material	Carbon steel、16MnR、30、316、FRP、hard rubber
Rated Power	3W
Electrical Interface Specification	Cast aluminum
Explosion-Proof Rating	ExdIICT6



Marine Ultrasonic Level Switch

Name	Technical Parameters
Repeatability Error	2mm
Response Delay	0.5s
Operating Voltage	9...24VDC
Leakage Current	≤50uA
Output	4±1mA (dry), 16±1mA (wet) - 2-wire system
Sensor Housing Material	Titanium alloy
Operating Temperature	-30°C...+80°C
Operating Pressure	<1000psig
Installation Interface	2-Φ7

