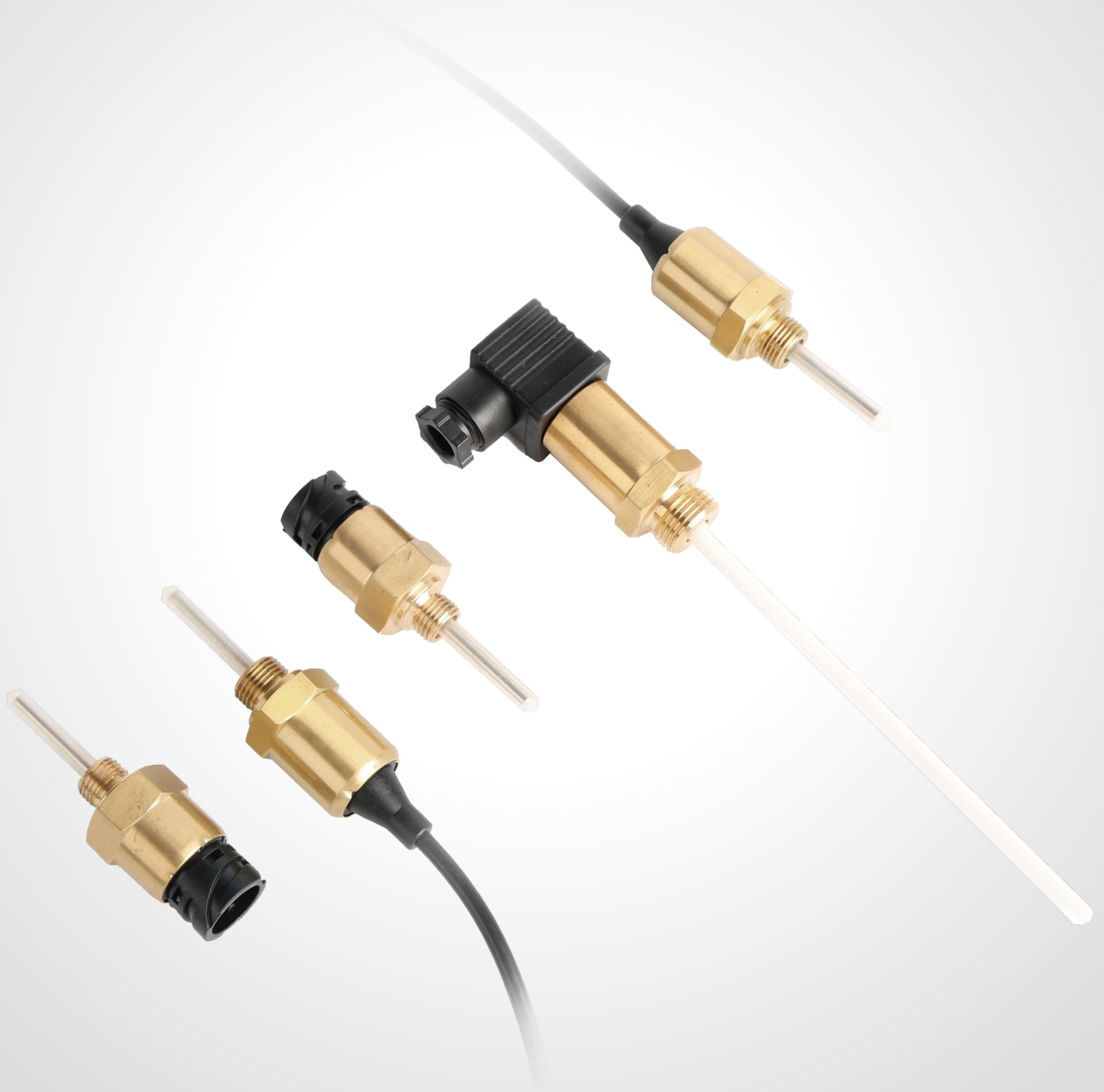


Electrode Level Sensor



Greegoo Electrode Level Sensor is designed based on the capacitive principle, featuring PNP/NPN analog output and 485 communication output. It is equipped with protection against short circuits, reverse polarity, and overload. The sensor can be flexibly installed at any position on the container wall and is suitable for environments ranging from -40°C to +85°C. It has passed CE certification, ensuring safe and reliable level monitoring.

Greegoo Electrode Level Sensors are widely used in various industries such as chemicals, petroleum, pharmaceuticals, food, and water treatment. Whether it is storage tanks, reaction kettles, separators, or other types of liquid containers, suitable application scenarios can be found. By monitoring liquid level height in real time, it helps users achieve automated control, safety alerts, and energy conservation.

Product Application



Electrode Level Sensor



Electrode Level Sensor



Electrode Level Sensor

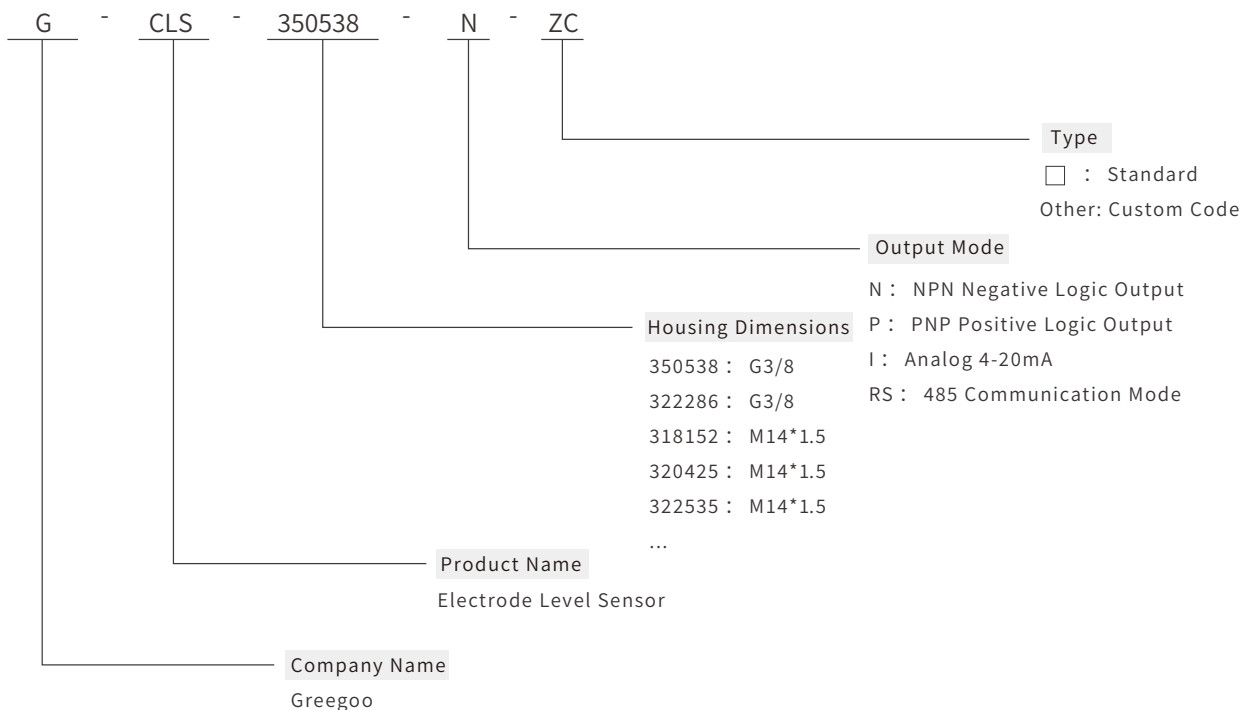


Electrode Level Sensor



Electrode Level Sensor

Model Selection Guide



Product Features

- Capacitive Principle

Utilizes capacitive sensing for level detection, accurately reflecting liquid level changes.

- Short-Circuit Protection

Prevents device damage caused by short circuits.

- Overload Protection

Prevents device damage caused by overload conditions.

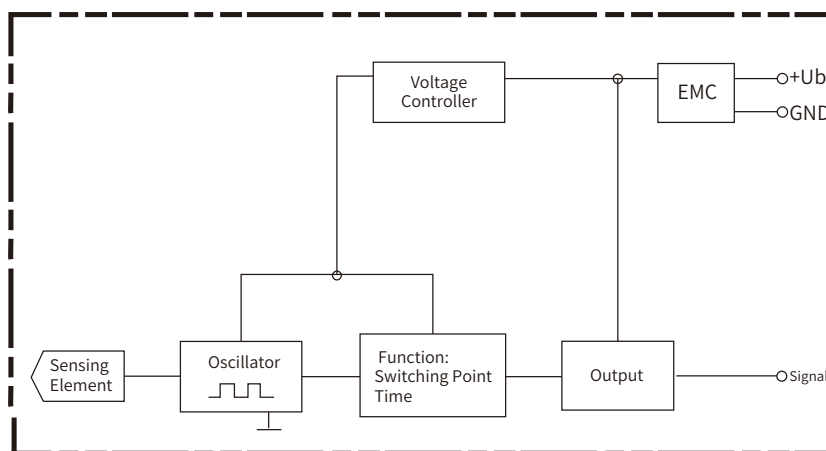
- Reverse Polarity Protection

Prevents damage due to incorrect power supply connections.

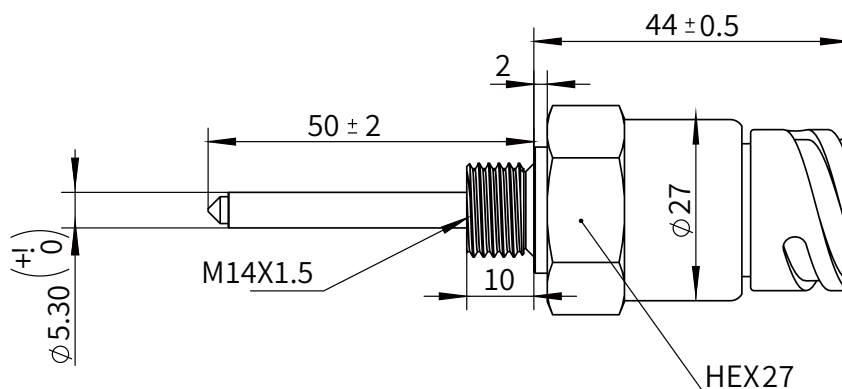


CLS Series

Circuit System Architecture



Dimension Diagram



Technical Parameters

Name	Technical Parameters
Measuring Principle	Measuring Principle
Output Type	NPN/PNP
Switching Logic	NC(Normally Closed)
Operating Voltage	9...36VDC
Current Load	<200mA
Short-Circuit Protection	Yes
Reverse Polarity Protection	Yes
Overload Protection	Yes
Output Low-Side/High-Side Switch Current Consumption	<8mA(24V)
(No Load)	For inductive loads, a freewheeling diode must be installed at the load.
Function Control Time	0...7s
Delay Time	0...7s
Interface/Cable Lead	PVC Cable HUBER+SUHNER RADOX GKW-LW600V 3X0.5mm ² Complies with TJ/CL313(CRCC Certification)
Cable Length	500mm
Installation Position	Any position (sensor probe must be at least 7mm from the wall surface)
Mounting Thread	M14x1.5
Housing Material	Brass
Ambient Temperature	-40°C to 85°C (suitable for 125°C)
Housing Ingress Protection	IP69K
Certification Standard	CE
EMC EMC Compatibility	Meets requirements of GB/T 24338.4-2009 "Railway Applications-Electromagnetic Compatibility - Part 3-2: Rolling Stock - Apparatus"

With Connector

