

LEVEL SENSORS & SWITCHES

WATER / TANKS / EQUIPMENT



Measurement for industrial systems.
A focused product selection for your application.

PRODUCT CATALOGUE 2026

Choose by application

03**Submersible Level Transmitter**

Continuous level monitoring in water tanks, wells and compatible liquid reservoirs.

04**Capacitive Level Transmitter**

Continuous liquid-level measurement in compatible equipment tanks and reservoirs.

05**Capacitive Water Level Switch**

Point-level detection for water presence and equipment refill monitoring.

06**Ultrasonic Level Sensor**

Non-contact level monitoring above compatible liquid surfaces.

07**Compact Radar Level Sensor**

Non-contact level measurement for compatible liquid tanks and water systems.

Ranges and outputs are configuration options. Select the exact version for the operating conditions; illustrations show representative products.

LEVEL MEASUREMENT

Submersible Level Transmitter

**APPLICATION**

Continuous level monitoring in water tanks, wells and compatible liquid reservoirs.

Measurement	Submersible hydrostatic level
Selectable spans	0-1 m through 0-50 m
Output options	4-20 mA, RS485, 0-5 V or 0-10 V
Installation	Submerged probe with cable to the receiving system

SELECTION NOTES

Specify liquid density, chemistry, depth and cable length. Confirm wetted materials, venting arrangement, accuracy, temperature and immersion rating. Density changes affect hydrostatic level measurement.

LEVEL MEASUREMENT

Capacitive Level Transmitter

**APPLICATION**

Continuous liquid-level measurement in compatible equipment tanks and reservoirs.

Measurement	Capacitive continuous level
Listed measuring lengths	0.5, 0.7, 1.0, 1.5 or 2.0 m
Output options	4-20 mA, 0-5 V, 0-10 V, RS485 or TTL
Communication	Modbus option; confirm interface and register map

SELECTION NOTES

Specify liquid type, dielectric properties, probe length and tank geometry. Confirm the calibration, coating tolerance, mounting thread and wetted materials for the selected liquid.

LEVEL MEASUREMENT

Capacitive Water Level Switch

**APPLICATION**

Point-level detection for water presence and equipment refill monitoring.

Measurement	Capacitive point-level detection
Medium stated	Water
Output options	PNP or NPN switching output
Function	Discrete liquid presence / level status

SELECTION NOTES

Confirm NO/NC logic, supply voltage, switching load, mounting position and wetted materials. Ask for response time and performance with deposits, foam and the actual liquid.

LEVEL MEASUREMENT

Ultrasonic Level Sensor

APPLICATION

Non-contact level monitoring above compatible liquid surfaces.



Measurement	Ultrasonic distance / level
Range options	0-5 m or 0-10 m nominal span
Output options	RS485 or RS485 with 4-20 mA
Installation	Above the liquid surface

SELECTION NOTES

The usable near limit depends on the blind zone; zero level span does not imply zero measuring distance. Confirm blind zone, beam angle, tank obstructions and effects of foam, vapour and condensation.

LEVEL MEASUREMENT

Compact Radar Level Sensor

APPLICATION

Non-contact level measurement for compatible liquid tanks and water systems.



Measurement	Radar distance / level
Listed distance range	0.15-40 m
Output options	RS485 or 4-20 mA
Construction	Compact sensor format

SELECTION NOTES

Confirm radar frequency, beam angle, accuracy, process connection, pressure and temperature limits. Tank geometry, liquid properties and surface conditions determine the usable measuring range.

Configure your measurement

01 Process

Medium, composition, minimum / normal / maximum conditions and required measurement range.

02 Installation

Mounting position, connection standard, dimensions, wetted materials and environmental conditions.

03 Electrical interface

Supply voltage, output signal, switching logic, connector, cable and communication protocol.

04 Performance

Accuracy, response time, calibration needs and any application-specific documentation.

05 Supply scope

Quantity, sample requirement, display language, delivery date and required accessories.

Send your enquiry to sales@tianzhiyitech.com.

Final specifications, compatibility, documentation and delivery scope are confirmed for the quoted configuration.



TIANZHIYI TECH

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