

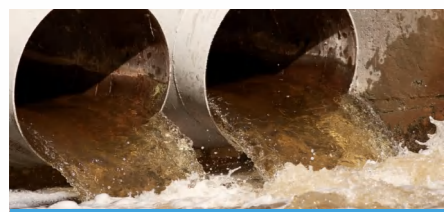
H5110-DY Pressure-Type Water Level Meter

The H5110-DY Pressure-Type Water Level Meter is a submersible static pressure water level measuring instrument. It achieves high-precision water level measurement through advanced mixed-signal processing technology and unique compensation methods, supports full-range digital linear calibration, and is suitable for water level monitoring in scenarios such as groundwater, surface water, reclaimed water, and drainage pipe networks.

Core Parameters

Water Level Range	0~10m...100m (customizable)
Measurement Precision	0.1% F.S. (customizable)
Operating Current	< 4mA
Power Supply Voltage	12VDC
Overload Capacity	2X F.S.
Compensation Temperature	0~50°C
Storage Temperature	-40~+125°C
Operating Temperature	-10~+70°C
Communication Protocol	Rs485 Standard MODBUS-RTU Protocol

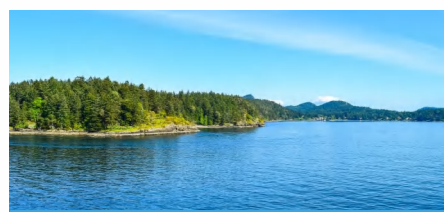
Application Scenarios



Urban Drainage Pipe Network Monitoring



Groundwater Monitoring



Hydrological and Water Conservancy Monitoring



Small and Medium Reservoir Water Level Monitoring



Algorithm Compensation

Adopts mixed-signal microprocessor and high-order fitting algorithm to achieve high-precision compensation



Cable Material

PVC or PU



H5110-DY



Low Power Consumption Design

Operating current not higher than 4mA



High Protection Level

Fully sealed structure with 316L stainless steel (or titanium alloy) shell, protection level up to IP68