

Pressure Type Water Level Gauge (RS485)



- Small and light, easy operation
- Built-in arrester
- Durable stainless steel
- Low consumption of electric current with RS485 output



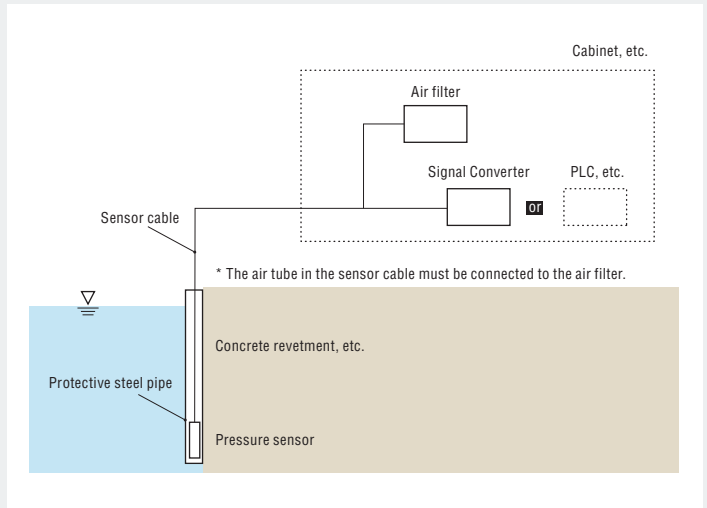
A capacitance type water level gauge that detects the water pressure, varied as the water level changes, with the semiconductor (ceramics), whose electric signals are calculated to the water level.
 Low consumption of electric current enabled by RS485 serial signal output converted from the electric signals.
 The ceramic features excellent temperature characteristics, anti-vibration, and environment resistance.
 The compact and light design also allows easy installation and maintenance.

Specifications

■ Pressure type water level gauge(RS485)

Model	CPS-4-RM1(measuring range 0 to 4m) CPS-10-RM1(measuring range 0 to 10m) CPS-20-RM1(measuring range 0 to 20m)
Accuracy	±0.2%FS(CPS-04-RM1) ±0.1%FS(CPS-10-RM1, CPS-20-RM1)
Overload resistance	200%FS
Output signal	RS485 signal
Power supply	DC12V(7 to 15V)
Operating condition (temperature, humidity)	-10°C to +60°C (No freezing)
Material	SUS316L
Dimensions	160 x φ42.3 mm
Weight	Approx.1kg
Cable	Dedicated cable(Sensor to junction box) Max.100m

■ Configuration diagram



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