SUBMERSIBLE
WATER LEVEL SENSOR

Model: SWLS

Submersible Water Level measurement with Water Temperature sensor used to monitor the water level / temperature of Ground / Surface water, dams, lakes, pools, aquatic ponds.

- Water Level Monitoring
- Water Temperature
- Stainless Steel Durable Probe
- Easy Integration

The sensing device is potted in a stainless-steel probe and coated with a sealant to withstand outdoor moisture. It is designed specifically to monitor water level/temperature.

Can be connected to data-logger, controller or display via electronic interface.

If the level/temperature gets too high or low, the controller can then take the appropriate programmed action.
The level/temperature can also be displayed on the console, in PC Access etc.

WATER LEVEL

Sensor Type:	Gauge Pressure Sensor
Settling time:	< 15 minutes after submersion
Repeatability:	±0.05 % Full Scale
Accuracy:	±0.1% Full Scale
Overload Pressure:	2 times Full Scale
Burst Pressure:	4 times Full Scale
Material:	Stainless steel AISI 316L
Input:	12-24 VDC
Output:	RS485
Operating Environment:	-40 to 70°C, 0 to 100 % relative humidity

WATER TEMPERATURE (OPTIONAL)

Range:	0°C to 50°C
Resolution:	0.1°C

DIMENSIONS

- 26 mm / 19 mm OD
- 125 cm height

STANDARD CABLE LENGTHS

10, 20, 50, 70, 100, 150, 200, 300 meters

One external Barometric Pressure sensor is required for Barometric pressure compensation.
Comes with different ranges
10, 20, 50, 70, 100, 150, 200, 300 meters.

APPLICATIONS

Determining the water level / temperature of Ground / Surface water, dams, lakes, pools, aquatic ponds and more.

- Rugged & Reliable
- Corrosion Resistant
- High Accuracy & Stability
- Easy Integration

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