

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

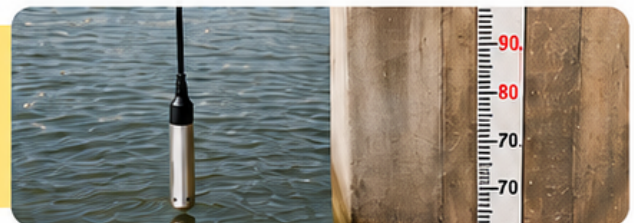


STANDARD CABLE LENGTHS

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

Optical Sensors Sweden AB

Stora Badhusgatan, 41121
GÖTEBORG, SWEDEN
email: info@opticalsensors.se
www.opticalsensors.se

Represented by:



** Drawing & specifications are subjected to change at any time without prior notice as per manufacturing suitability.



www.opticalsensors.se