

# WATER LEVEL



## Ultrasonic Water Level Sensor

SS-DWLR is an ultrasonic water level sensor used for continuous measurement of non-contact liquid level. A series of extremely short microwave pulses are transmitted by the sensor towards the surface of the water from which they are reflected and received by the receiving system. The signal return time is proportional to the distance between the sensor and the water surface. These models are more suitable than the submersible type, when the installation is made difficult due to strong currents, possible overflows and edges of the inaccessible water basins.



### Features

- Accurate measurements
- High long-term stability
- Analogue and Digital outputs available
- Highly efficient
- Design and performances addressed to meteorological / hydrological applications

### Technical Specifications

SS-DWLR	
Measurement Range	0-5m, 0-10m, 0-15m, 0-20m, 0-30m (Optional)
Accuracy	0.5%-1%
Resolution	±3mm or 0.1%FS (whichever is higher)
Output	4-20mA / RS485 / RS232
IP Class	IP68
Power	4-wire without relay: 1.9W 2-wire without relay: 0.72
Operating voltage	12 to 24 VDC
Operating temperature	-40 to +60 °C
Operating humidity	5% to 95% RH