



# NON-CONTACT SURFACE VELOCITY RADAR SENSOR

## Specification

- Operating Voltage: 9~16VDC
- Accuracy: 0.03m/s
- Operating Temperature :-30°C to +70°C
- Connector: IP68
- Angle Compensation: 0 to 70 deg
- Size: Diameter 6.7cm & Length 11.8cm
- Distance Range: 0 to 100 meters
- Range: 0.2 to 18 m/s
- Weight: 0.52Kg
- Antenna: Conical Horn
- Microwave Frequency: 34.7GHZ

## Applications

- Lakes, Rivers, Streams
- Large open channels
- Sewer pipes

## 100 METER RANGE NON-CONTACT SURFACE VELOCITY SENSOR

The Radar surface velocity sensor has been designed for non-contact measurements of the surface flow velocity of water.

Non-contact Radar velocity sensor is excellent for monitoring Rivers, lakes, large open channels and sewer pipes where installations for wet sensors are not suitable. Combine the Radar Velocity with a non-contact ultrasonic level sensor to obtain a maintenance free flow installation.

This sensor will measure from 100 meters away, offering a great flexibility to the end user to select the correct location for the installation, simply point the sensor to the flow stream, adjust the sensor between 0 to 70 degree angle and within minutes you will be ready to monitor the speed of water.

