

# Water Level Sensor (Radar Type)

**Model: SEN-VH-LR**

## Description

The SEN-WLR is a Water Level sensor (Radar Type) used to monitor the water level of Ground / Surface water, dams, lakes, pools, aquatic ponds. This sensor can be connected to data-logger, controller or to some display by means of electronic interface. These sensors are designed by Vega. Measurement ranges for Liquid: 10 & 20 meters. This sensor is used for continuous level measurement of liquids or bulk solids. Typical applications are the measurement of liquids in storage tanks or open basins. The sensor is also suitable for the detection of bulk solids in small vessels or open containers. The non-contact measuring principle is independent of product features and allows a setup without medium.



## Sensors Specification

- Frequency: 77GHz-81GHz
- Shell Material: PP (polypropylene)
- Measurement Range: Liquid: 0.2m-20m
- Accuracy:  $\pm 2$ mm for liquid
- Beam Angle:  $\pm 5^\circ$
- Protection: IP67
- Process Connection: Default Thread; Thread and flange is customized;
- Process Temperature:  $-40^\circ\text{C}$  to  $60^\circ\text{C}$  ( $-40$  to  $+140^\circ\text{F}$ )
- Process Pressure: Normal atmospheric pressure

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## Applications

Determining the water level of Surface water, dams, lakes, pools, aquatic ponds

**Input:** 22-30 VDC

**Output:** Current: 4-20mA (for level)

Voltage: 0-5 Volt (for level)

## Ordering Guide

### Output

### Model Number

1. Current O/P: SEN-VH-LR-C-X-Y
2. Voltage O/P: SEN-VH-LR -V-X-Y

**Please mention measuring range (X) & Cable length (Y) information along with your enquiry / Purchase order.**

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