

# WBP-US-01-3F

## Ultrasonic Tank Level Sensor, 91cm Cable



### General Description

Whisker.Blocks® are long-range, wireless sensors that come in a variety of I/O and power configurations. These sensor blocks use our proprietary long range wireless communication technology, ensuring reliable and robust operation. They come in a variety of configurations with multiple external channels for various analog and digital inputs.

This external sensor is designed to work with a Whisker.Block® that is configured with 0-5V Analog Input. When properly mounted, this sensor will detect tank levels from 3cm to 7.6 meters.

### Power

This sensor requires 3.3V for operation. The Whisker Block power supply is 18V so a regulator to reduce the 18V supply down to 3.3V is required.

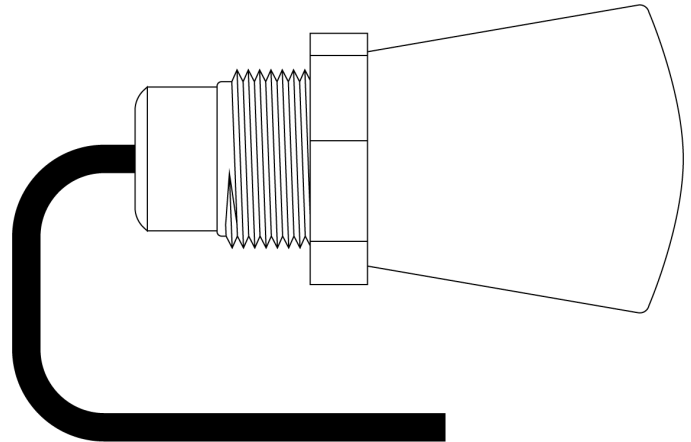
### Mounting

This sensor is housed in a 5cm tube that is installed in the top or lid of the tank facing downward with a clear view of the liquid being measured. Mounting requires a 23.4mm hole through which the device can be mounted. Take care not to overtighten the nut.

### Compatible Whisker.Blocks®

Part Number
WB1-9-00-DCNNNNNN-0000-LR
WB1-9-00-DCTRNNNN-0000-LR
WB1-9-00-DCTRTRNN-0000-LR
WB1-9-00-DCA4NNNN-0000-LR
WB1-9-00-DCA4A4NN-0000-LR
WB1-9-00-DCA5NNNN-0000-LR
WB1-9-00-DCA5A5NN-0000-LR

### Wiring



#### Recommended Wiring:

Connector	Pin	Sensor Wire	Description
1	1	Red	Sensor power supply
1	2 or 3	Blue/Black	0-5V Analog In
1	4	White	Ground Reference

