

FEATURES:

Dissolved oxygen provides one of the best indicators of the health of a water ecosystem, as oxygen is a necessary element for all forms of life, including aquatic life. As dissolved oxygen levels decrease, pollution-intolerant organisms are replaced by pollution-tolerant worms and fly larvae. If oxygen levels fall below 1-2mg/L for a few hours, large fish kills can result.



Dissolved oxygen sensor is a rugged reliable water oxygen level measuring device. Remotely monitor Dissolved Oxygen (D.O.) of streams, rivers, reservoirs, and tanks. The dissolved oxygen sensor's electronics are completely encapsulated in marine grade epoxy within a stainless steel housing. Dissolved oxygen sensor uses a removable shield and dissolved oxygen element for easy maintenance.

Specifications	
Power	10-36 VDC
Output	4-20 mA, 15.5mA plus sensor output
Accuracy	± 0.5% FS
Max. Pressure	40 psi
Temp. Limits	-40°C to +55°C
Weight	3 lbs
Warm up time	10 seconds minimum

3 Wire Voltage / Current Diagram

In order to measure with meter in volts mode, you need to provide A resistance of 125 ohms will provide .5 to 2.5 volts from the sensors 4-20mA output.

The output of the sensor is current and has to be read with the multimeter in current mode a voltage drop resistor.

