

# ORPMA - Loop Powered Non-Isolated ORP Transmitter




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Compact size

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Easy-to-use

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4-20mA loop-powered

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Adjustable zero and span

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Fully encapsulated

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The Model ORPMA (encapsulated miniature transmitter) is a 2-wire, 4-20 mA ORP transmitter featuring encapsulated construction, high performance and small size. It can be interfaced with many display and control devices requiring a 4-20 mA input.

The unit is compatible with all Sensorex conventional combination ORP electrodes. It transforms the ORP signal to a 4-20 mA current proportional to the ORP level. This output may be transmitted over two wires to a control location. The same two wires provide power to the transmitter. Any 12 - 36 Volt D.C. power supply may be used. There are two adjustments on the transmitter to standardize probes for "SPAN" and "ZERO". The output can be monitored with a loop-powered meter, a loop resistor or even a multi-meter during the standardization procedure.

# ORPMA - Loop Powered Non-Isolated ORP Transmitter

## Specifications

Measuring Range	+/- 2000mV (4-20mA)
Input	ORP electrode with BNC connector, Solution ground
Output	4-20mA (scalable to +/-2000mV)
Dimensions	2.0"(51mm) H x 2.75"(70mm) W x 1.5"(38mm) D
Operating Temperature	-25 to 70 Degrees C
Power Requirement	12-36V DC
Reverse Polarity Protection	Temporary only using internal resistors
DC Filtration	Multi-pole noise filter

## Ordering Information

Part Number	Description
ORPMA	Loop-powered, non-isolated, blind 4-20mA ORP transmitter (Power supply not included)



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