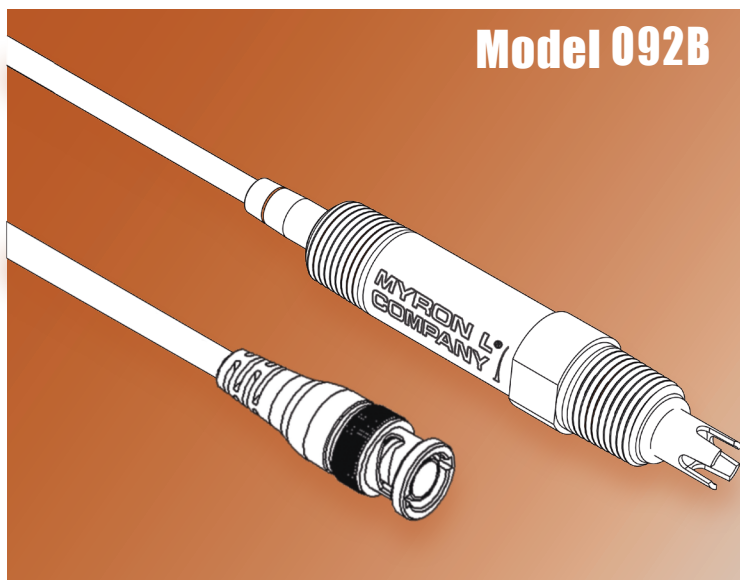


# ORP SENSORS: 092B & 094BPE

BNC Terminated ORP Sensors for 900 Series Multi-Parameter Monitor / Controllers



Model 092B

- *Sensor area is completely sealed to eliminate leaks<sup>1</sup>.*
- *Sensor bodies made from Ryton® for excellent temperature and chemical durability.*
- *Compatible with any ORP monitor or meter equipped with a BNC connector.*
- *Platinum ORP electrode.*

## BENEFITS

- **Superb Response Time.**
- **Double-Junction Reference Design.**
- **± 2000 mV Range.**
- **Double-ended NPT for simple in-line or submersion installations, independent of mounting orientation.**

## DESCRIPTION

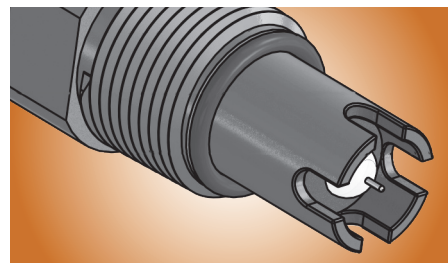
The Myron L® Company O92B and O94BPE ORP sensors are designed to connect to the BNC input of the Myron L® Company 900 Series Multi-Parameter Monitor / Controller.

Sensor bodies are made from durable Ryton® PPS

(polyphenylene sulfide). Ryton combines excellent temperature tolerance with superb resistance to solvents and corrosive chemicals and has an inherent UL94 V-0 flammability rating without flame retardant additives. A double-ended, 1/2" (O92B) or 3/4" (O94BPE) NPT fitting makes these sensors easy to install in-line.

Double-Junction Reference design means these sensors are perfect for more demanding applications. The external junction can be either Pellon® (O92B) for applications requiring faster response time, or polyethylene (O94BPE), for harsher industrial environments

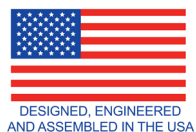
where contamination of the junction is a concern.



O94BPE Sensor Tip Detail

Standard cable length is 10ft. (3.05m). The sensor's BNC connector is compatible with any high input-impedance, ORP meter or monitor equipped to accept a BNC connector.

**For more information please visit our website at [www.myronl.com](http://www.myronl.com)**



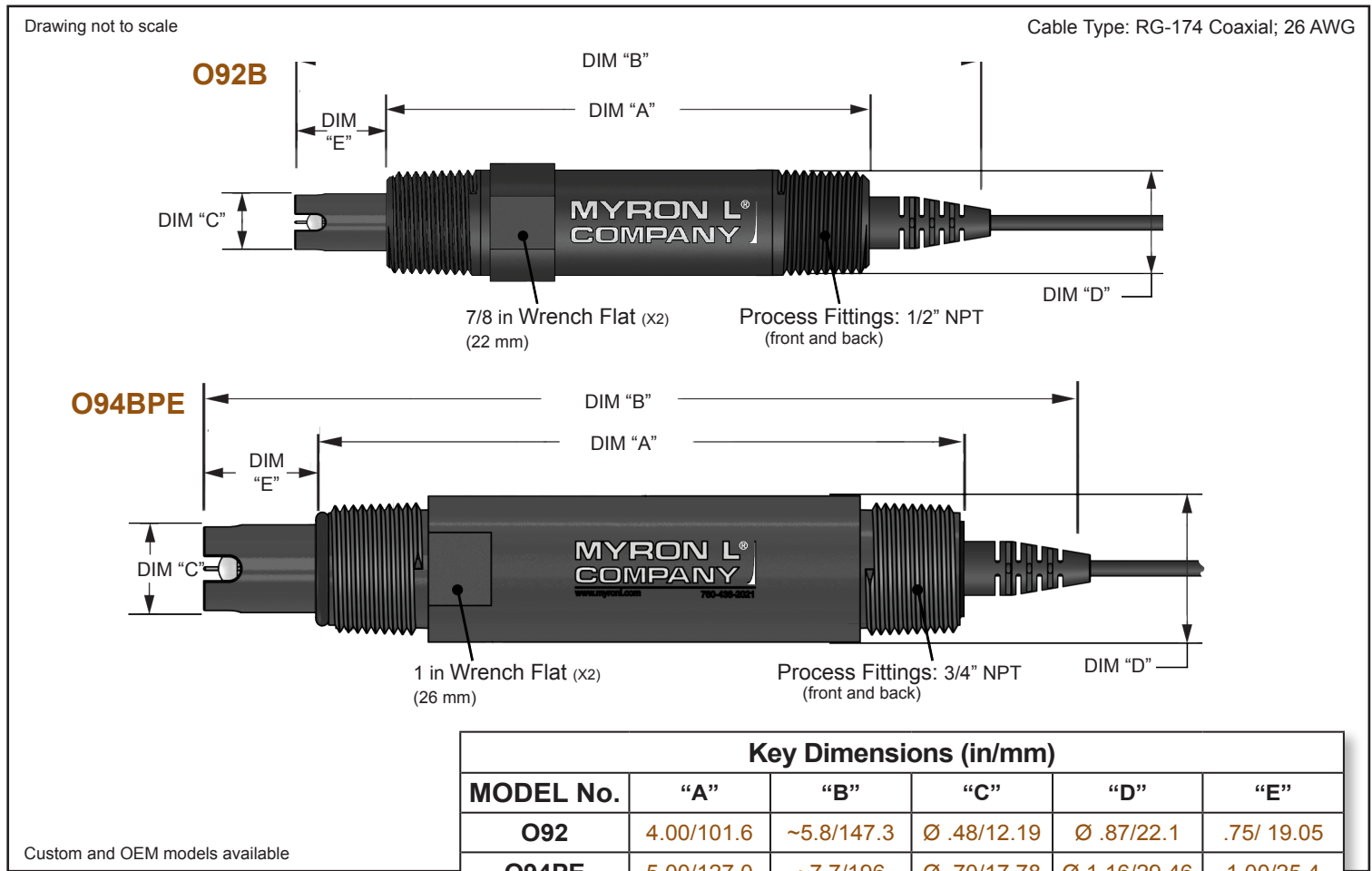
<sup>1</sup> Back seal of sensor body at cable exit is not water tight. DO NOT completely submerge sensor

## SPECIFICATIONS: O92B & O94BPE

Model:	O92B	O94BPE
Measurement Range:	± 2000 mV	± 2000 mV
Ambient Temperature - Pressure:	0 – 80 °C (32 – 176 °F) <sup>1</sup> ; 0 – 100 PSIG (0 – 6.9 bar) <sup>1</sup> 80 °C (176 °F) @ 50 PSIG (3.5 bar) <sup>2</sup> 25 °C (77 °F) @ 100 PSIG (6.9 bar) <sup>2</sup>	0 – 80 °C (32 – 176 °F) <sup>1</sup> ; 0 – 100 PSIG (0 – 6.9 bar) <sup>1</sup> 80 °C (176 °F) @ 50 PSIG (3.5 bar) <sup>2</sup> 25 °C (77 °F) @ 100 PSIG (6.9 bar) <sup>2</sup>
Signal Conditioning:	NONE	NONE
Sensor Material:	Platinum	Platinum
Sensor Geometry:	Extended Tip	Extended Tip
Reference Junction:	Double Junction: Internal: Pellon® External: Pellon®	Double Junction: Internal: Pellon® External: Polyethylene
Temperature Sensor:	NONE	NONE
Sensor Body Material:	Ryton®	Ryton®
Physical Connection & Mounting:	1/2" NPT: In-line: May be installed in any orientation Immersion: Requires a standpipe & coupler.	3/4" NPT: In-line: May be installed in any orientation Immersion: Requires a standpipe & coupler.
Electrical Connection (Standard):	10 ft.(3.05 m) Shielded Cable: Standard BNC connector	10 ft. 3.05 m) Shielded Cable: Standard BNC connector

<sup>1</sup> Temperature and pressure range for ambient environment and immersion installations. Derated limits apply.

<sup>2</sup> Maximum temperature and pressure for wetted sensor.



### LIMITED WARRANTY

All Myron L® Company ORP Sensors have a Six (6) Month Limited Warranty. If sensor fails to function normally, return the unit to the factory prepaid. If, in the opinion of the factory, failure was due to materials or workmanship, repair or replacement will be made without charge. A reasonable service charge will be made for diagnosis or repairs due to normal wear, abuse or tampering. Warranty is limited to the repair or replacement of the sensor only. The Myron L® Company assumes no other responsibility or liability.

2450 Impala Drive  
Carlsbad, CA 92010-7226 USA  
Tel: +1-760-438-2021  
Fax: +1-800-869-7668 / +1-760-931-9189  
www.myronl.com

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### Built On Trust.

Founded in 1957, the Myron L® Company is one of the world's leading manufacturers of water quality instruments. Because of our commitment to product improvement, changes in design and specifications are possible. You have our assurance any changes will be guided by our product philosophy: accuracy, reliability, and simplicity.

