

**Broadley-James™****Manufacturers of pH and D.O.  
Sensors for Science and Industry**

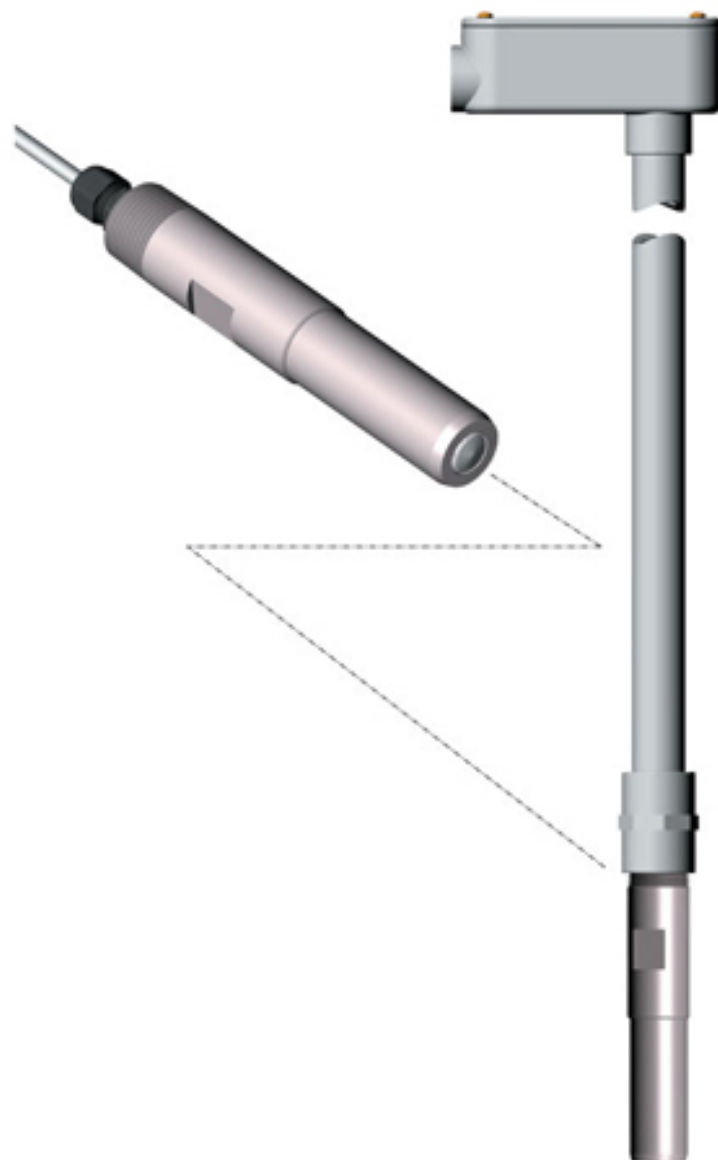
# CPVC D.O.Sensor – Model E-1733-SAM-D10FF

## Application:

Submersion

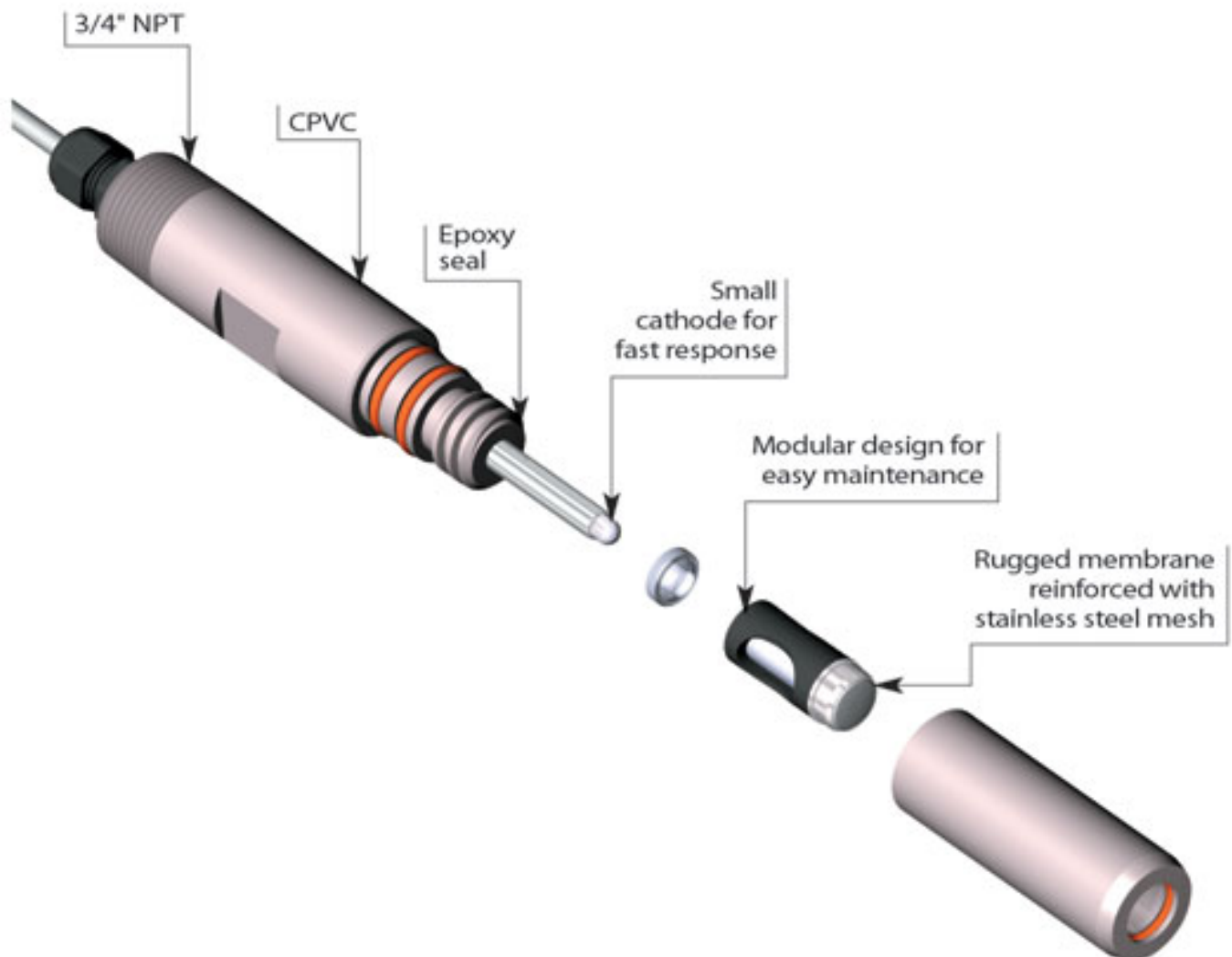
## Description

The ProcessProbe™ D.O. sensor has been designed for use in any process streams or wastewater application. The body is machined from CPVC with integral 3/4" NPT threads for easy installation. It also has a built-in thermistor for automatic temperature compensation. The dual-layer membrane is reinforced with stainless steel mesh. This mesh helps the membrane resist damage from particulates in the process stream, extending the longevity of the sensor. The modular design of the membrane assembly makes regular maintenance simple and fast.



SPECIFICATIONS	
Temperature Range	0–80°C
Maximum Pressure	58 psig, 4 bar (atm)
Response Time	98% in 60 seconds at 25°C
Sensor Body	CPVC
Membrane	PTFE/Silicone reinforced with stainless steel mesh
O-ring Seals	Silicone rubber

Flow Dependence	Readings in stirred and unstirred solutions differ by approximately 3-5 percent
Temperature Compensation	Automatic with built-in thermistor, 22K Ohms at 25°C
Wetted Materials	CPVC, 316L stainless steel, Silicone
Standard Cable Length	10 ft – Optional lengths available



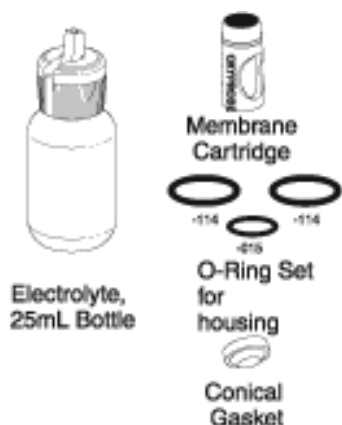
# Replacement Membrane Cartridges for ProcessProbe™ DO Sensors

## Single Cartridge Kit

Part Number KP2501

### Description

Single Membrane Cartridge Kit for 25mm ProcessProbe™ D.O. sensors, includes 1 ea. membrane cartridge, 1 ea. 25 mL bottle of electrolyte, 1 set of internal Si Rubber O-rings for Housing, & 1 ea. Conical Gasket for Cathode assembly.

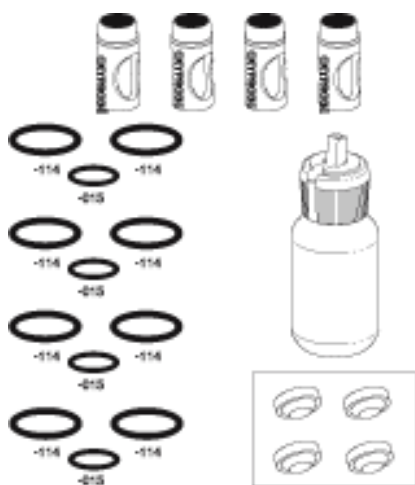


## Four Cartridge Kit

Part Number KP2504

### Description

Membrane Cartridge Kit for 25mm ProcessProbe™ DO sensors, includes 4 ea. membrane cartridges, 1 ea. 25 mL bottle of electrolyte, 4 sets of internal Si Rubber O-rings for Housing, & 4 ea. Conical Gaskets for Cathode assembly.



## 25 Piece Cartridge Pack

Part Number KA2525

### Description

Membrane Cartridge Kit for 25mm ProcessProbe™ DO sensors, includes 25 ea. membrane cartridges only, bulk packed. O-rings, gaskets, and electrolyte must be ordered separately



