

## CS4773D Digital Dissolved Oxygen Sensor



Dissolved oxygen sensor is a new generation of intelligent water quality detection digital sensor independently developed by twinno. Data viewing, debugging and maintenance can be carried out through mobile APP or computer. Dissolved oxygen on-line detector has the advantages of simple maintenance, high stability, superior repeatability and multi-function. It can accurately measure DO value and temperature value in solution. Dissolved oxygen sensor is widely used in wastewater treatment, purified water, circulating water, boiler water and other systems, as well as electronics, aquaculture, food, printing and dyeing, electroplating, pharmaceutical, fermentation, chemical aquaculture and tap water and other solutions of the continuous monitoring of dissolved oxygen value.

The electrode body is made of 316L stainless steel, which is corrosion-resistant and more durable. The sea water version can also be plated with titanium, which also performs well under strong corrosion.

Dissolved oxygen sensor based on the latest polarographic analysis technology, the steel gauze structure of integrated silicone rubber permeable film as a permeable film, which has the advantages of collision resistance, corrosion resistance, high temperature resistance, no deformation, small maintenance and so on. It is specially used for measuring PPB dissolved oxygen of boiler feed water and condensate water.

PPM level dissolved oxygen sensor based on the latest polarographic analysis technology, using breathable film, film head for integrated production, easy maintenance and replacement. It is suitable for wastewater, sewage treatment, aquaculture and other fields.

<b>Model NO.</b>	<b>CS4773D</b>
<b>Power/Outlet</b>	9~36VDC/RS485 MODBUS RTU
<b>Measurement methods</b>	Polarography
<b>Housing material</b>	POM+ Stainless Steel
<b>Waterproof grade</b>	IP68
<b>Measurement range</b>	0-20mg/L
<b>Accuracy</b>	±1%F.S
<b>Pressure range</b>	≤0.3Mpa
<b>Temperature compensation</b>	NTC10K
<b>Temperature range</b>	0-50°C
<b>Measuring/Storage Temperature</b>	0-45°C
<b>Calibration</b>	Anaerobic water calibration and air calibration
<b>Connection methods</b>	4 core cable
<b>Cable length</b>	Standard 10m cable, can be extended to 100m
<b>Installation thread</b>	Upper NPT3/4"+1 inch tail thread
<b>Application</b>	General application, river, lake, drink water, environmental protection, etc.