JNC

Optical Dissolved Oxygen Sensor

UVDO-485

[Features]

- Measuring principle: Fluorescence measurement, blue light is emitted on the fluorescent layer, and the fluorescent substance emits red light after being excited, and the dissolved oxygen is inversely proportional to the time for the fluorescent substance to return to the basic state, so as to measure the dissolved oxygen, the value Stable and reliable.
- Optical dissolved oxygen, no consumables, no need to replace the electrolyte, easy maintenance.
- The body material is 304 stainless steel and POM plastic steel for corrosion resistance.
- With automatic temperature compensation.

[Applications] Waste water, recycled water, aquaculture, industrial water.

[Optional Code]

UVDO-485 - Code 1

Code 1	Line length
N	10 meters
C	10 meters +quick connector
Value	Line length
Value C	Line length + quick connector

[Specifications]

UVDO specifications		Other specifications	
Measurement principle	Fluorescence	Housing material	304 stainless steel & pom plastic steel
Measuring range	0 ~ 20.00 mg/L (ppm)	Dimension	Ø30*L197.5
Accuracy	± 2 % F.S	Power	12 ~ 24VDC
Resolution	0.01mg/L	Power consumption	0.3W @ 12V
Automatic temperature compensation	0 ~ 50℃	Line length	10 meters
Working condition	0 ~ 50℃ < 0.2MPa	Moisture level	IP68
Storage temp	-5 ~ 65℃	Installation	Immersive
Communication	RS-485 Modbus RTU		

[Dimension] mm