



DOG-209FYA Optical Dissolved Oxygen Sensor



Features

DOG-209FYA type oxygen sensor improved from the previously dissolved oxygen sensor, change diaphragm into a grit mesh metal membrane, with high stability and stress resistant, can be used in a more harsh environment, free maintenance, suitable for urban sewage treatment, industrial wastewater treatment, aquaculture and environmental monitoring and other fields of continuous measurement of dissolved oxygen.

Technical Indexes

1. Description: Optical dissolved oxygen sensor

CPVC(or PVC)/ Stainless Steel 316 body with replaceable membrane cap module.

M9 male connector, IP-68

2. Range: DO: 0-20mg/L

Working temperature: -5 to 50°C

Sat. %: 0-200%

3. Accuracy: DO: ± 0.1 mg/L

Temperature: ± 0.2 °C

Sat.%: ± 1.0 %

4. Response Time: 30 second to 90% (T-90), 60 seconds to 100%

5. Expected Luminophore Module Life: 2 years

6. Output signal: 4-20mA