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INSTRUMENTOS DE MEDICIÓN INDUSTRIAL

Electrodo Oxigeno Disuelto

SB-DOG209FA

DOG-209FA Industrial Dissolved Oxygen Sensor

Features

DOG-209 FA type oxygen electrode improved from the previously dissolved oxygen electrode, change diaphragm into a grit mesh metal membrane, with high stabilit y and stress resistant, can be used in a more harsh environment, maintenance volume is smaller, suitable for urban sewage treatment, industrial wastewater treatmen t, aquaculture and environmental monitoring and other fields of continuous measurement of dissolved oxygen.

Technical Indexes

Ultra resistant to pressure (0.6Mpa) wallop, imported (grit mesh metal membrane)

Up thread: M32 * 2.0 Measuring range: 0-20mg / L

Measuring principle: Current type sensor (polarographic electrode)

Breathable membrane thickness: 100μm

Electrode shell material: PVC or 316L stainless steel

Temperature compensation resistance: Pt100, Pt1000, 22K, 2.252K, etc.

Sensor life:> 2 years

Cable length: 5m

Detection limit: 0.01 mg / L (20 °C)

Measurement limit: 20 mg / L

Response time: 2min (90%, 20 °C)

Polarization time: 60min

Minimum flow rate: 2.5cm / s

Drift: <2% / month

Measurement error: <± 0.01 mg / L

Output Current: 50-80nA/0.1 mg / L Note: Maximum current 3.5uA

Polarization voltage: 0.7V

Zero oxygen: <0.01 mg / L

Calibration interval:> 60 days

Measured water temperature :0-60 °C

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