DOG-209F Industrial Dissolved Oxygen Sensor

Features

DOG-209F Dissolved Oxygen electrode has high stability and reliability, which can be used in the harsh environment; it demands for less maintenance; it is suitable for continuous measurement of the dissolved oxygen in the fields of urban sewage treatment, industrial waste water treatment, aquaculture, environmental monitoring etc.

Technical Indexes

Measuring range: 0-20mg/L
Measuring principle: Current sensor (Polarographic electrode)
Permeable membrane thickness: 50 um
Electrode shell material: U PVC or 31 6L stainless steel
Temperature compensation resistor: Ptl00, Ptl000, 22K, 2.252K etc.
Sensor life: >2 years
Cable length: 5m
Detection lower limit: 0.01 mg/L (20□)
Measurement upper limit: 40mg/L
Response time: 3min (90%, 20□)
Polarization time: 60min
Minimum flow rate: 2.5cm/s
Drift: <2%/month
Measurement error: <± 0.1mg/I
Output current: 50~80nA/0.1mg/L Note: Maximum Current 3.5uA
Polarization voltage: 0.7V
Zero oxygen: <0.1 mg / L (5min)
Calibration intervals: >60 days
Measured water temperature: 0-60□

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