

GEC-D0485

Digital Dissolved Oxygen Sensor

Product Manual



DESCRIPTION ///

GEC-DO485 digital dissolved oxygen sensor is a new generation of intelligent water quality detection digital sensor independently developed by our company. Without a host, directly measure the dissolved oxygen value and temperature value in the solution, and transmit and output 4-20mA signal to the back-end equipment. It can also be connected to the RS485 interface, and connected to the computer through the MODBUS protocol to realize monitoring and recording. It has the characteristics of high precision, good stability, long service life, rapid response and low maintenance cost. It is widely used in continuous monitoring of dissolved oxygen and temperature in thermal power, chemical fertilizer, metallurgy, environmental protection, pharmaceutical, biochemical, food and tap water industries.

FEATURES ///

- High measurement accuracy and good stability
- Wide application scenarios (Primary Battery Method or fluorescence method)
- Direct output RS485 and 4-20mA
- Automatic temperature compensation
- IP68 protection grade
- Two-point calibration
- Power failure protection > 10 years



PARAMETERS ///

Measuring range	0 ~ 20 mg/L
Accuracy	±0.5%F.S(Primary Battery), ±2%F.S(fluorescence)
Temperature range	0 ~ 60°C(Primary Battery), 0 ~ 45°C(fluorescence)
Temperature accuracy	±0.3°C(Primary Battery), ±0.5°C(fluorescence)
Output	4-20mA, RS485(Modbus)
Power supply	12VDC/24VDC
Protection grade	IP68
Installation thread	G3/4

TYPE SELECTION ///

GEC-DO485	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	NOTE
Electrode type	104			Primary Battery Method
	108			Fluorescence Method
Power supply		12		12VDC
		24		24VDC
Cable length			05	5m(standard)
			**	Customized

NOTE: GEC-DO485-104-12-15

GEC-DO485 digital dissolved oxygen sensor, Primary Battery Method, 12VDC, 15m cable