

Online FDO Analyzer



**MODEL NO
VEOFDO1002**

The VEOFDO1002 Series of Fluorescent Dissolved Oxygen Analyzer use a new generation of Fluorescence lifetime technology and high performance fluorescent materials. No oxygen consumption, no flow rate limitation, no electrolyte, no maintenance and calibration, no interference from hydrogen sulfide, excellent stability. Built-in temperature analyzer, automatic temperature compensation. RS485 output, can be networked without a controller.

Feature

- ✓ Hydrophobic membrane and algae will not adhere to the membrane head
- ✓ Digital sensor, RS485 output, support MODBUS
- ✓ No membrane, no electrolyte, no interference, no need for frequent calibration
- ✓ No oxygen consumption, no flow restriction
- ✓ Built-in temperature sensor, automatic temperature compensation.

Technical Specifications

Item	Parameters
Model	VEOFDO1002
Principle	Fluorescence analysis method
Measuring range	0~20mg/L or 0-200% saturation
Response time	3 sec
Accuracy	1%
Protection level	IP68
Installation	Submersible
Temperature sensor	NTC
Temperature range	0~50°C
Temperature accuracy	±0.2°C
Output	Support RS-485, MODBUS protocol
Power supply	DC 6~12V, current <50mA
Size	Φ26*155 mm
Probe cable length	Default 5 m, customized 10m, 15 m and 30 m cable
Fluorescent cap life	1 year
Maximum working pressure	3bar
Housing material	SS316/Titanium alloy



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