

# Dissolved Oxygen

Transmitter/Controller



DO5500  
LDO5500



DO2000  
DO3000  
DO5000

Model		DO2000	DO3000	DO5000	DO5500	LDO5500
	Properties	2- wire Transmitter, Transmitter/Controller				
		Clark dissolved oxygen				Luminescent dissolved oxygen
Dissolved Oxygen	Range	0.0-400.0% , 0.00-40.00 mg/L				0.00~20.00 mg/L 0.00~200.00%
	Resolution	0.1% , 0.01 mg/L				0.01 mg/L, 0.01%
	Accuracy	±0.2% F.S.				±1.0% F.S.
	Salinity Compensation	0.0-40.0 ppt				±1.0% F.S.
	Temperature Compensation	0.0-50.0 °C				0.0~60.0 °C
	Pressure Compensation	600-2000 mBar				60~200 kPa
Temperature	Range	-10.0-110.0 °C				
	Resolution	0.1 °C				
	Accuracy	±0.3 °C				
	Temperature Sensor	22 K				
	Temperature Compensation	Automatic				
Signal Output	Signal Output	4-20 mA (Adjustable)				
	Current Accuracy	1% F.S.				
	Load	< 500 Ω				
Data interface	RS485	_____		Have		Optional
Relay Output	On/Off	_____		2 SPST Relays		
	Output	_____		2.5A 230VAC		
	Cleaning/Alarm Relays	_____		1X 2.5A		
Others	Power	24VDC	85~260 VAC or 24 VDC			220 VAC
	Working Temperature	0 - 60 °C				-20 - 60 °C
	Humidity	< 90%				
	IP Rated	IP65				
	Installation	Panel Mounting				Wall Mounting
	Dimensions	108(H)X108(W)X156(D)mm				158×188×108 mm
	Panel Cut Size	94.5X94.5mm				_____
	Weight	0.5kg				0.7 kg

### CS4553

#### Dissolved Oxygen Sensor

Free maintenance: no need to replace membrane cap.

Range: 0-40 mg/L  
Temp: 0 - 60 °C  
Pressure: 0-4 bar  
Response: < 60 s (95%, 25 °C)  
Stabilizing time: 15 min - 20 min  
Zero Drift: <0.5%

OD: 12 mm  
Thread: PG 13.5  
Shell: SS316L, POM  
Min Flow: > 0.03 m/s  
Residual current: < 2% in air  
Cable: 5m

