

# DO3000 Economical

## Dissolved Oxygen Controller / Transmitter



- Panel mounted type.
- IP65 rated: waterproof and airproof. High protection against electromagnetic interference.
- Scalable isolated 4-20 mA Output.
- Control modes: On/Off limited control (LIT) .
- Separately adjustable high and low point setting.
- Large LCD, with high luminance LED backlight.
- Optional nanoampere electrode (80nA, 400nA)



### Specification

Dissolved Oxygen	Range	0.0-400.0% , 0.00-40.00 mg/L
	Resolution	0.1% , 0.01 mg/L
	Accuracy	±0.2% F.S.
	Salinity Compensation	0.0-40.0 ppt
	Temperature Compensation	0.0-50.0 °C
	Pressure Compensation	600-2000 mBar
Temperature	Range	-10.0-110.0 °C
	Resolution	0.1 °C
	Accuracy	±0.3 °C
	Temperature Sensor	NTC 22 KΩ
Signal Output	Signal Output	4-20 mA (Adjustable)
	Current Accuracy	1% F.S.
	Load	< 500 Ω
Relay Output	On/Off	2 SPST Relays
	Output	2.5A
Others	Power	100 - 230 VAC
	Working Temperature	-10 - 60 °C
	Humidity	< 90%
	Installation	Panel Mounting
	Dimensions	108(W)×108(H)×160(D) mm
	Panel Cut Size	94×94 mm
	Weight	0.5 kg

### CS4551 Dissolved Oxygen Sensor

- Range: 0 - 40 mg/L
- Stabilizing time: 15m
- Stainless steel housing
- PG13.5 thread
- Temp: 0 to 70°C
- Diameter & Length :13\*120mm
- Max Pressure: 5 bar
- 5m cable length
- Min Flow: 10mm/s
- finned open-ended
- Response time: 90% of final value in 60s
- replaceable membrane cap
- Polarization voltage: -670/+50 mV

