

DO5000 Versatile

Dissolved Oxygen Controller / Transmitter



- Standard 1/4 DIN casing, easy installation.
- IP65 rated: high luminance LED backlight, applicable to harsh environment.
- Adopt integrated switching power supply module; high protection against electromagnetic interference.
- Menu-driven program that simplifies set-up.
- Instant browsing all the settings in measurement mode, easy to master your working state
- Scaleable isolated 0/4-20mA Outputs
- Two relay circuits, users can select high-low control freely. Separately adjustable high and low set-point hysteresis(dead bands) prevent chattering of relays around the set points.
- Third relay Cleaning/Alarm function; users sets the cleaning frequency and time
- Temperature value offset adjustment.
- Optional nanoampere electrode (80nA, 400nA)
- RS-485 output

Specification

| | | |
|------------------|--------------------------|------------------------------|
| Dissolved Oxygen | Range | 0.0-400.0% , 0.00-40.00 mg/L |
| | Resolution | 0.1% , 0.01 mg/L |
| | Accuracy | 0.0-40.0 ppt |
| | Salinity Compensation | ±0.2% F.S. |
| | 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 | 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 |
| Relay Output | On/Off | 2 SPST Relays |
| | Output | 2.5A 230 VAC |
| | Cleaning/Alarm Relays | 1X 2.5A |
| Others | Power | 85~260 VAC or 24 VDC |
| | Working Temperature | 0~60°C |
| | Humidity | < 90% |
| | IP Rated | IP65 |
| | Installation | Panel Mounting |
| | Dimensions | (H×W×D) 108×108×158 mm |
| | Panel Cut Size | 94.5×94.5 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
- tinned open-ended
- Response time: 90% of final value in 60s
- replaceable membrane cap
- Polarization voltage: -670/+50 mV

