

# DISSOLVED OXYGEN CONTROLLER

## ✦ Application

Widely Used for online Monitoring Dissolved oxygen in industrial boiler inlet water, seafood feeding industries.

## ✦ Technical Specification

### Measurement Range :

Dissolved Oxygen : (0.0 ~ 20.00)mg / L  
Temperature : (0.0 ~ 40.0) °C

### Resolution :

Dissolved oxygen : 0.01mg/L  
Temperature : 0.1 °C

### Stability :

Dissolved oxygen : 0.1mg/L  
Temperature : 0.2 °C

### Indication Error :

Zero point : ± 0.10mg/L  
Consistency : ± 0.50mg/L  
Temperature : ± 0.5 °C

Salinity Compensation Error : ±2%

Temperature compensation Range ( 5 ~ 45) °C  
(Temp. compensation component : 21.9kO)

Analog output : Double channels ( 4 ~ 20)mA  
instrument/transmitter mode for selection

Control output : Triple CH photo-electrical semiconductor relay  
Load capacity : AC/DC 30V, 50mA(max)

Communication : RS485, MODBUS RTU

Power Supply : DC 24V ±15%  
Power Consumption : < 5.5  
Working Environment : Temp. ( 0 ~ 50) °C  
Humidity < 85% RH (none condensation)  
Storage Environment : Temp. (0 ~ 60) °C  
Humidity < 85% RH (none condensation)

Protection Level : IP65 ( with back cover)  
Dimension : 96mm(H) x 96mm(W) X 94mm(D)  
Hole size : 97mm(H) X 91mm(W)  
Installation : Panel Mounted, Fast Instration

# Equinox<sup>TM</sup>



## EQ-DCT-8600

## ✦ Order Direction

### Basic order units :

EQ-DCT-8600 Dissolved Oxygen Online transmitting Controller  
DO3135-23Z Membrane Covered DO Probe  
DO1150 Two-wire DO Transmitter

### Sensor and Accessories selection:

Flow cell : P33  
Mounting bracket : P16-Z  
Floating Bed : P18