Online Dissolved Oxygen Controller LD-LODC-A10

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Overview

Online Dissolved Oxygen Controller LODC-A10 features 1 to 2 points dissolved oxygen calibration system, and 4 to 20 mA output signal transmitter. The large and clear back light LCD displays Calibration and setup values, temperature values, ATC (automatic temperature compensation) values, high and low limit of measurement. It measures the amount of dissolved oxygen in mg/l, ppm units or in % of saturation. The accuracy of measurement is improved by manual salinity and barometric pressure compensation mode.

Features:

- Equipped with a polarographic electrode
- Use of Zero oxygen solution, air saturated water for calibration
- 1 to 2 dissolved oxygen calibration points
- Controller with 4 multifunctional keys with names and symbols
- ATC mode for accurate readings over entire range
- Low and high alarm limits set automatically activate an external device
- System menu allows setting up to 10 parameters
- Reset features to resumes all setting back to default

Applications:

Used in water treatment applications across waste water plants, filtration systems, RO treatment water plants, Agriculture, and Aquaculture industry.

Specifications:

Load	Maximum 500 ?
Weight	350 g
Display	LCD screen
Power supply	DC 24 V
Signal output	4 to 20 mA
Relative Humidity	<80%
Ambient Temperature	<60°C
Connection terminal	Detectable screw terminals
Salinity correction	0 - 35 g / L
Connection Interface	RS485
Calibration solutions	Saturated anhydrous sodium sulfite solution and air saturated water

Dimension (L x W x H)	96 × 96 × 75 mm
Dissolved oxygen range	0.0 to 20.0 mg / L (or ppm)
Dissolved oxygen accuracy	± 0.5 mg / L
Low and high alarm limits	1.00 to 18.00 mg/L (selectable)
Dissolved oxygen resolution	0.1 mg / L
Barometric pressure correction	60.0 to 112.5 kPa, 450 to 850 mmHg
Temperature compensation range	0 to 40 °C, 32 °F to 104 °F
% of saturation of oxygen range	0.0 to 200.0 %
% of saturation of oxygen accuracy	± 10 % F.S. ± 2.0%
Dissolved oxygen Calibration points	1 - 2 points
% of saturation of oxygen resolution	0.001