OD 3000.010 Controller

The **OD 3000-C Autoclean Dissolved Oxygen Controller** is a micro-processor based instrument with a very sophisticated software yet, very simple to use.

The controller can be used in many applications such as **Water treatment, activated sludge, de-nitrification, fish pond** and many more.

Software features:

- ❖ Input from galvanic cell.
- ❖ Scales: PPM - mg/l - % air sat. - mmHg.
- ❖ Autoranging.
- ❖ Temperature readout.
- ❖ Filter software.
- ❖ Calibration parameters display.

Electrical and mechanical features:

- ❖ Dual isolated output:
  - 0/20 mA or 4/20 mA selectable.
  - programmable input on the span.
- ❖ Dual set-points with hysteresis, delay and min/max programmable functions.
- ❖ Autocalibration in air.
- ❖ Automatic or manual Temperature compensation.
- ❖ Autoclean relay and holding function for input and outputs.
- ❖ Automatic overload protection and reset.
- ❖ Extractable terminal blocks.
- ❖ 96X96 (1/4" DIN) housing.

Technical Specifications:

PARAMETER	RANGE/UNITS/DESCRIPTION
Input	Galvanic cell
Autoclean Func.	Disable - manual - auto + manual
Scales	0-20 PPM/0-2000 PPB 0-20 mg/l / 0-2000 μgr/l
Accurity	+/-1% of the reading
Power Supply	85-264 VAC +/- 10%, 50/60 HZ
Temp. Comp.	Internal table for each membrane type. Reference Temp.: 20 °C
Analog Outputs	Dual isolated for D.O and temperature
Set points	Dual with ON/OFF programmable functions
Display	LCD, 1X16
Enclosure	Panel mount, 96X96 housing

For choosing the electrode, please refer to the electrodes brochures.

For an IP-65 wall mount enclosure, please add the letter E at the end of the P.N.

For a splash proof – clear door, please add the letter D at the end of the P.N.