



## Chemical-free online oxygen content monitoring

# O<sub>2</sub> - Control

### UNIQUE

The residual oxygen content of hot process water can be monitored continuously with O<sub>2</sub> - Control. The device operates with a fast oxygen sensor with a measurement range from 0.001 mg/l to saturation.

### INDIVIDUAL

The monitored threshold value can be individually defined in a range of 0,01 mg/l to 0,5 mg/l. Measuring data can be put out by a serial RS 232 interface.

### ENVIRONMENTAL

O<sub>2</sub>-Control operates environmental friendly and cost-effective. An addition of reagents or indicators is not necessary.

### SAFE

The cyclical self-monitoring of sensor performance and measuring functionality contribute significant to an interference-free process flow.

### UNCOMPLICATED

Installation, commissioning and operating of O<sub>2</sub>-Control are completely uncomplicated. Also the sensor can be changed easily by pushing it into the measuring chamber.

### COMPATIBLE

The device can be easily installed in systems of different types. Also a subsequent installation is possible. Standardized interfaces offer a variety of integration possibilities in the process.

### WELL- ARRANGED

A clearly represented display shows measuring values, functional status and possible alarms at the first glance. With three double assigned buttons O<sub>2</sub>-Control can be parameterized and information can be recalled.

### EASY TO MAINTAIN

Except an occasional sensor exchange O<sub>2</sub>-Control is nearly maintenance free.



### ACCESSORIES KIT

- 1 oxygen selective sensor type 01
- 4 m sampling hose ø 4 mm o.d. / 2 mm i.d.
- 2 m drainage hose ø15 mm o.d.
- 2 screw joints 1/4" to 4 mm hose
- 2 prefilters 100 µm (optional)
- 1 manual

### TECHNICAL DATA

Dimension of case:	400 x 250 x 160 mm (W x H x T), wall mounted
Weight:	approx. 8 kg
Surrounding temperature:	5°C ... 50°C
Relative humidity:	20% ... 80%
Power supply:	power supply unit 100 ... 240 V / 50 ... 60 Hz
Power consumption:	15 V DC, approx. 20 W
Raw and hot water connection:	branch pipe with connection for PA-hose o.d. 4 mm, i.d. 2 mm, up streamed dirt filter ≤ 0.1 mm recommended
Raw and hot water pressure:	minimum 1 bar up to maximum 10 bars
Drain:	minimum ø 15 mm, pressure free
Oxygene measurement range:	0.001mg/l to saturation
Threshold value setting:	0.01 mg/l ... 0.5 mg/l
External signaling:	potential free contacts
Data output:	RS 232 interface and current loop 4...20 mA
Operation time of sensor:	approx. 12 ... 18 months (without warranty)

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