



## DISSOLVED OXYGEN MONITOR ES 20-04

Ideal for small purification plants

### TECHNICAL DATA

Modes:	mg O <sub>2</sub> / (ppm) % saturation °C
Display	Dot matrix LCD 4x16 characters
Measuring ranges	0.0 ... 15 mg/l O <sub>2</sub> 0 ... 150 % saturation
Accuracy in full temperature range	2% ±1 digit of the measuring value
Temperature compensation	0 ... +30 °C
Temperature measurement:	
Range	0 ... +30 °C
Accuracy	0.2 °C ±1 digits
Energy supply	220V 50Hz
Output	1. Control relay for oxygen min/max control 2. Analog output 4-20 mA 3. RS 232
Protection class	IP 65
Standard electrode	<b>HELOX 13</b>

**ES20-04** is the new member of the Elke Sensor LLC oxygen meters family.

**ES20-04** is on-line dissolved oxygen (D.O.) meter for the control of the oxygen level in aeration tanks of wastewater purification plants.

**ES20-04** has 4x16 characters dot matrix LCD display of ppm (mg/l), saturation % D.O. and temperature °C.

**ES20-04** has output for control of the compressors. Depending on the needs of customer the instrument has control relay for oxygen min/max concentration control or analog output 4-20 mA and RS232 interface, which enables to transfer the measurement data into computer in real time.

The modular **HELOX** D.O. sensor needs no special service during its long life (guaranteed surpass 12 months). Only periodical mechanical cleaning of the membrane of the sensor is needed once in week.

All **HELOX** D.O. sensors are fully interchangeable and have uniform temperature characteristics.

Manufacturer is always able to supply the user with new oxygen sensors

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