



TOPIC OF THE OFFER

The present offer includes supply, assembly, mounting and start of the apparatus to measure the amount of Dissolved oxygen (DO) and oxidation-reduction potential (ORP). The equipment is employed on sewage treatment plant.

MEASUREMENT & CONTROL SET ASSEMBLY

MEASURING CONVERTER:

- M2120 – to measure and control the DO concentration and ORP



MEASURING RANGES:

- **Dissolved oxygen** – measuring range (saturation percentage) 0...200%.
- **Dissolved oxygen** – measuring range (gravimetric concentration) 0-20mg/l.
- **Oxidation reduction potential** - 1400...+1400mV

OUTPUTS (galvanic separation):

- analog: 0/4...20mA obc.750 max
- programmed relay outputs
- digital: RS232C/485 - Modbus (optional)

OTHER SPECIFICATION:

- Supply: ~230 V, 50 Hz or battery supply
- Power input <10 VA
- Ambient temperature: -10 °C to +55 °C
- Housing protection rating: IP65
- Housing material: ABS
- Weight: ~1.5 kg
- -10...55 °C

SENSORS

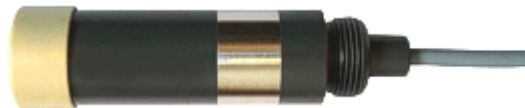
ORP Sensor:

- electrolyt: gelled
- cable length: on demand
- premounted temperature sensor.: Pt100
- quaranted durability: 6 months



DO Sensor:

- type: Os-8
- dimensions: 32mm, x 128mm x 3/4"
- premounted temperature sensor.: Ntc
- quaranted durability: 6 months



PRE-AMPLIFIER

- Enables to distance an ORP / DO sensor and measuring converter up to 200m
- Housing material: ABS
- Housing protection rating: IP65



MEASURING HEAD (to mount an ORP and DO sensor)

- Dipping head MZ110, length 1,0 - 2,0m
- Floating head MF110
- Submersible head MN110, length 0,6m to be suspended on chain
- Process fixture AP110

