

**TOPIC OF THE OFFER**

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

**MEASURING CONVERTER**

- M1100 – to measure and control ORP in one measuring points
- M2110 – to measure and control ORP in two measuring points



MEASURING RANGES: (w odniesieniu do pola odczytowego):  
 → -1400...+1400mV

ACCURACY:  
 → SEM: 1mV, resolution: 1mV

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

**ORP SENSOR**

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



**PRE-AMPLIFIER**

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



**MEASURING HEAD (to mount an ORP sensor)**

- Dipping head MZ110, lenght 1,0 - 2,0m
- Floating head MF110
- Submersible head MN110, lenght 0, przeplywowa
- MP110 to be suspended on chain
- Process fixture AP110



**CONNECTION CHART**

