DISSOLVED OXYGEN SENSOR TS 330

The TECMES sensor, Model TS 330, is a submersible type sensor for the measurement of dissolved oxygen in rivers, reservoirs, treatment plants, etc.
Built with a large electrolyte reservoir, an adequate membrane fixing system, and a galvanic technology cell, it allows its use submerged for a long time and with very low maintenance.
The membrane can be supplied in either HDPE (High Density Polypropylene) or Teflon.
The electronics included with the sensor have an analog output suitable for interconnection to dataloggers, indicators, etc.

SPECIFICATIONS

Range:	*0 - 200 %*
Temperature operating range:	*0 - 50°C*
Pressure range:	*0 - 10 mca*
Cell type:	*Galvanic*
Linearity:	*± 3 % FE*
Response time:	*1 minute for HDPE, 2 minutes for Teflon*
Capsule:	*Stainless steel watertight*
Output:	*4 – 20 mA*
Available signal outputs:	*4 – 20 mA in two wires with proportionality constant between OD and output.* *Power supply: 12 to 24 Vdc.* *Voltage: 0 to 4V or 4 – 20mA in 3 wires. Calibrated.* *Power supply: 9 to 16 Vdc.*
Immersion pressure:	*10m ca*
Dimensions:	*Length 380 mm x Diameter 60 mm*
Cable:	*PE 10 meters in length (Other lengths on request)*

Other specifications and ranges available upon request.