



# CAPRARO IMPIANTI s.r.l.

## OXY SENSOR (OS)

### TECHNICAL DESCRIPTION

The DANFOSS probe used by **Capraro Impianti srl**, is the model "Oxy 3150".

This probe is designed for use in aquaculture.

A built-in electronic device converts the value of oxygen into a current signal (mA):

- It can be connected to a display and/or to a PLC,
- Connection with two-pole cable,
- Max. distance 3 km.

It includes (see pictures) :

- PVC protection,
- Rotating support in stainless steel.

Maintenance: only routine cleaning of the membrane.

The electrolytic cell can be easily replaced.



### TECHNICAL SPECIFICATIONS

- Self-balancing for temperature, pressure, relative humidity and salinity.
- Self-calibrating with upward rotation (in shaded place for 5-15 minutes).
- Supply voltage (Vdc): **12-30**
- Absorbed power (mVA): **720**
- Output current (mA): **3.8-24**
- Measurement window (ppm): **2-15**
- Measurement precision (ppm): **0.1**
- Working temperature (°C): **0 - 40**
- Membrane thickness (μ): **50**
- Optional membrane thickness **25 - 125**

