



CONDUCTIVITY/SALINITY

The Thelma Biotel conductivity or salinity sensor transmitter deliver conductivity + temperature data or salinity data for either fresh water - or brackish/salt water use.

HIGHLIGHTS

- Available in transmitter sizes 9, 13 and 16
- Operational lifetime 3+ months

The Thelma Biotel conductivity/salinity sensor is located on the face of the transmitter, and the measurements is taken through the four electrodes for wide measuring ranges.

The sensor transmitter should be attached externally to a fish, other species, or object to be in direct contact with the water. Available sensors include one version for use in fresh water and one version to measure salinity in brackish and salt water.

SPECIFICATIONS

Conductivity

Cond. range: 0-2500 $\mu\text{S}/\text{cm}$
Temperature range: 0 - 25.5 $^{\circ}\text{C}$
Resolution: 10 $\mu\text{S}/\text{cm}$
Max survival depth: 500 m

Salinity

Salinity range: 0-40 ppt
Resolution: 1 ppt
Max survival depth: 500 m

Further specification options available on request

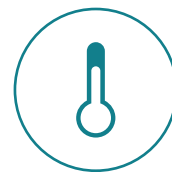
APPLICATIONS

Conductivity:

- Ground- vs. surface water
- Water quality
- Mining runoff
- Freshwater use

Salinity:

- Salt and brackish water use
- Halocline differences
- Estuary studies



TEMPERATURE

COMBINATIONS