

FRESHWATER SALINOMETER SL6005



Key features:

- Continuous check of salinity for freshwater generators and boilers
- Warning when the salinity surpasses a given value
- A built-in self test facilitates the routine check
- Direct reading of the salinity by display
- 4-20 mA output
- Temperature compensation 20 - 90 c°
- Wall or panel mounting
- Type approval tested by DNV



Specifications SL6005

Function:

The salinometer measures and supervises the salinity (salt content) of fresh water produced by distillation of sea water

Mains supply:

90-120 or 200-240 Vac, 50-60 Hz

Mains current:

Mains supply must be secured against overcurrent with an external fuse. Max. 100 mA

Salinometer power consumption:

Max. 10.0 W

Range of salinity:

0-20 ppm (0.1 ppm/step) of seasalt or
0-200 ppm (1 ppm/step) of seasalt

Alarm level:

Adjustable 0-20 ppm (0-20 ppm, 0.1 ppm/step)
or
Adjustable 0-200 ppm (0-200 ppm, 1 ppm/step)

T-piece:

5/4" Thread for pipe connection

Test:

By means of a push button the salinometer circuit can be checked

Cable connections:

Terminals 1-2:	Mains
Terminals 3-10:	Relay contacts for ALARM and solenoides
Terminals 11-14:	Electrode unit.
Terminal 15:	4-20 mA Currentloop
Terminal 16:	Current ref, Ground

Alarms to devices connected to the secondary relay can be cancelled by means of a push button "ALARM ON/OFF" on the front panel

Display:

2 LED displays (3 digits)

Relay contacts:

8 A / 24 Vac
Relay contacts must be secured against overcurrent with an external fuse

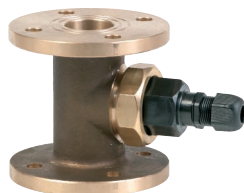
Protection:

IP 65

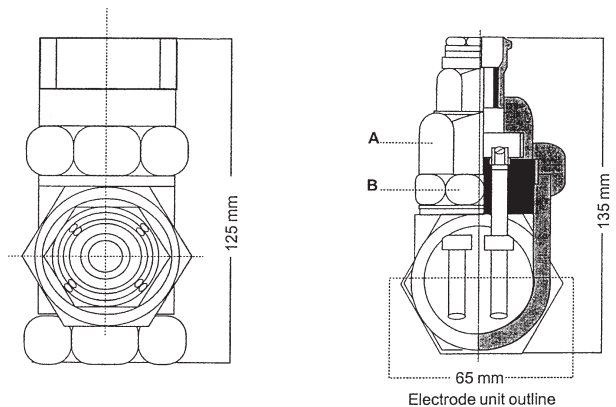
The gold-plated electrode unit is placed within the T-piece in such a way that it is easily removed for inspection and cleaning



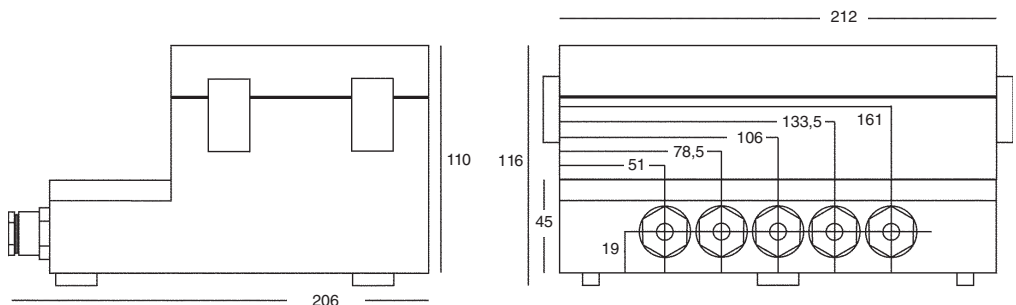
Electrode unit in standard T-piece



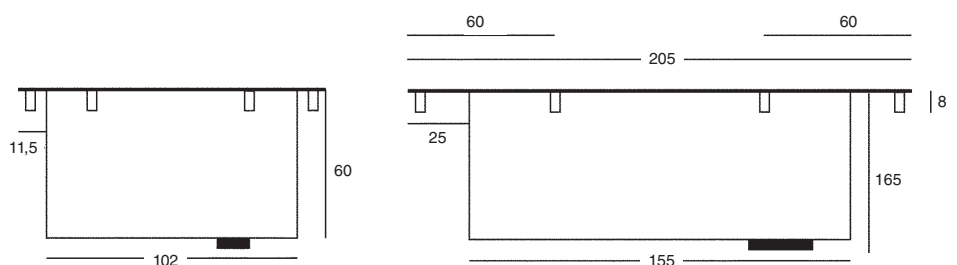
Electrode unit in flange T-piece



Wall mounting model



Panel mounting model



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