FRESHWATER SALINOMETER
SL6000

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 LED bar

➢ 4-20 mA output

➢ Temperature compensation 20 - 90 c°

➢ Wall or panel mounting

➢ Type approval tested by DNV

Specifications, SL6000

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   (0-10 ppm 1 ppm/step)
                            (10-20 ppm 2 ppm/step)
or
Adjustable 10-200 ppm   (10-100 ppm 10 ppm/step)
                            (100-200 ppm 20 ppm/step)

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 botton "ALARM ON/OFF" on the front panel.

Display:
LED Bar.

Relay contacts:
8 A / 24 Vac
Relay contacts must be secured against overcurrent with an external fuse.
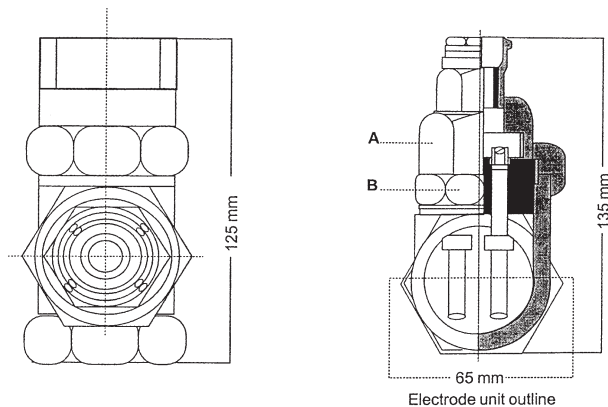
Protection:
IP 65

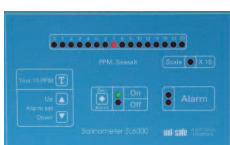The gold-plated electrode unit is placed within the T-piece in such a way that it is easily removed for inspection and cleaning.
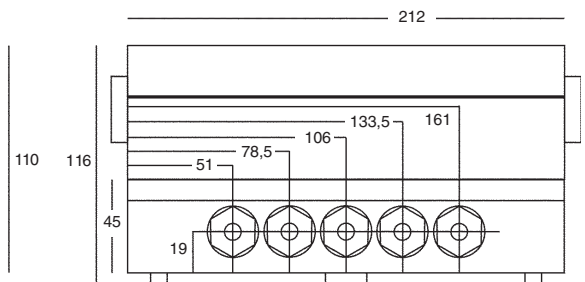

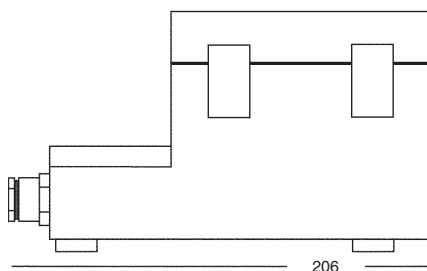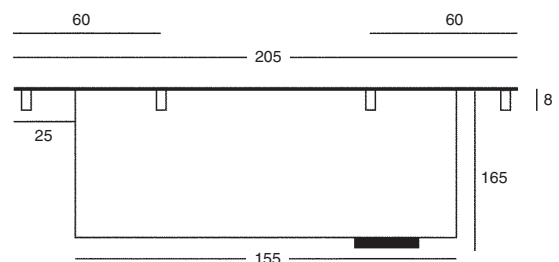**Electrode unit in standard T-piece**

Electrode unit in flange T-piece

125 mm

A
B
135 mm
65 mm
Electrode unit outline

Wall mounting model

110 116
212
133,5 161
106
78,5
51
45
19
206

Panel mounting model

11,5
60
102
60 60
205
25
8
165
155