

# CONNECTION EC-ELECTRODE EC5105 (SZ3274) ON CONTROLLER EC3040 (C7635)

## CABLE CONNECTION

<b>Brown+Red</b>	23
<b>Black Transparent</b>	25
<b>Orange</b>	27
<b>Yellow</b>	28
<b>Green</b>	29
<b>Black Shield</b>	29

## POWER SUPPLY

86 / 220 Vac : 1 and 2  
Ground : 3

## SET-UP REFERENCE TEMPERATURE

The reference temperature has a factory value of 20°C. If you use the calibration fluid of, for example, Nieuwkoop BV (with reference temperature 25°C), please set the reference temperature to 25°C as follows:



Press this key 2 times,

display will show **SEt-UP PrESS Ent**



Press this key once,

display will show **PASS** (if the password is not used, please press  again)



Press this key 3 times to go to option 2.3,

display will show **23 REF. TEMP.**, followed by **°C 20.0**



or  Press to select the value **(25.0)**



Press to confirm (**UPdATE** will appear)



Press 4 times to go back to the main menu

## CONDUCTIVITY CALIBRATION

By keeping the clean and dry sensor in air, the display will show **0**.

If the readout is different than zero, it is possible to perform the following zero calibration:



By pressing this key, the unit will show the following message:

**ZERO CAL.**, followed by the actual conductivity value or **CAL. OFF** if the calibration function has been disabled in the set up menu (display S1.1)




Press to confirm as soon as the value is stable (please note that it takes about 20 seconds and is ready as soon as **UPdATE** appears) and to end the calibration



By pressing this key, the unit will show the following message:

**SENS. CAL.**, followed by the actual conductivity value, or **CAL. OFF** if the calibration function has been disabled in the set up menu (display S1.1)



or  Press to change the value according to the standard solution value



Press to confirm (**UPdATE** appears) and to end the calibration



## **ADJUSTING RANGE**



Press this key 3 times,  
display will show `CONFIG PRESS Ent`



Press this key once,

display will show `PASS` (if the password is not used, please press  again)



Press this key once,

Display will show `LR SCALE` followed by the actual setting



or Press to change the range



Press to confirm (`UPDATE` appears)



Press to 3 times to return to the main menu

## **SET POINT CALIBRATION**



By pressing this key, the unit will show the following message:

`SET 1 (SET2) Lo` or `Hi` (depending on the configuration done in display C3.1 of C3.2), followed by the actual value



or Press to change the value

`CAL. OFF` will appear if the calibration has been disabled in the set up menu (display S1.1)



Press to confirm (`UPDATE` appears) and to end the calibration

