CONNECTION EC-SENSOR EC5105 ON CONTROLLER EC3040

CABLE CONNECTION

Brown/Red	23
Black Transparent	25
Orange	27
Yellow	28
Green	29
Black Shield	29

POWER SUPPLY

86 / 220 Vac   :   1 and 2
Ground   :   3

SET-UP REFERENCE TEMPERATURE

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

[MODE ESC] Press this key 2 times,
display will show `SEt-UP PrESS Ent`

[ENT] Press this key once,

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

[ENT] Press this key 3 times to go to option 2.3,
display will show `2.3 rEF. tEMP.`, followed by `ºC 20.0`

[▲] or **[▼]** Press to select the value (`25.0`)

[ENT] Press to confirm (`UPdAtE` will appear)

[MODE ESC] 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:

[ZERO] 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)

[ENT] 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

[SENS] 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

[ENT] Press to confirm (`UPdAtE` appears) and to end the calibration

NIEUWKOOP

ADJUSTING RANGE

[MODE ESC] Press this key 3 times,
display will show `COnFIG PrESS Ent`

[ENT] Press this key once,

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

[ENT] Press this key once,
Display will show `1.2 SCALE` followed by the actual setting

[▲] or [▼] Press to change the range

[ENT] Press to confirm (`UPdAtE` appears)

[MODE ESC] Press to 3 times to return to the main menu

SET POINT CALIBRATION

[SET1] or [SET2] 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)

[ENT] Press to confirm (`UPdAtE` appears) and to end the calibration

COMPLETE USER MANUAL

Scan the QR code for the complete user manual.