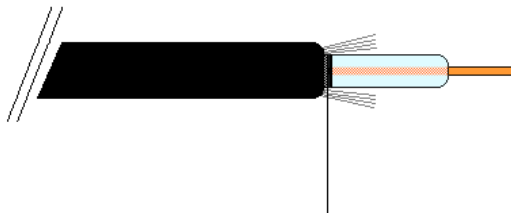


# CONNECTION pH-SENSOR PH5510 ON CONTROLLER PH3030

## CABLE CONNECTION

Connect pH-sensor, if the BNC connector is not used:

pH-electrode SZ1093



Take care, when stripping the cable, that the black carbon casing is stripped as far as possible. This otherwise can cause trouble during measurements.

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Shield wire	21
Central wire	22

-The black carbon casing should be stripped as far as possible

## POWER SUPPLY

220 Volt : 1 en 3 TAKE CARE!!!!  
Ground : 4

## CALIBRATION

Make sure that the keyboard is "UNLOCKED", this is the default setting but the user can also lock this.

The PH7685 is set to AUTO calibration by default.

After the connection of the pH-controller, you need to calibrate with pH calibration liquids (pH-4 and pH-7).

## MANUAL CALIBRATION




Press this key 2 times, display shows **xx.xx pH xxxx mV**



Press this key and press  or  to select **CAL MODE: MANUAL**



Confirm with  Display shows **UPDATE** and **M** is flashing




Press this key 4 times, display shows **Z: x.xx pH S:xxx%**,  
Place the sensor in the pH-7 liquid.




Press this key once, display shows **CAL P1:xx.xx pH R** and **R** is flashing.  
Wait until **B** appears on the display



Press to select value "6.88" (at 20°C, see bottle) and confirm with   
Display shows **CAL P2:xx.xx pH R** and **R** is flashing.

Place the sensor in the pH-4 liquid and wait until **B** appears in the display.



Press to select value "4.00" (at 20°C, see bottle) and confirm with   
Display shows **UPDATE**



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## **AUTOMATIC CALIBRATION**



Press this key 4 times,  
display shows **Z: x.xxpH S:xxx%**, place the sensor in the pH-7 liquid



Press this key once, display shows **CAL P1:xx.xxpH R** and **R** is flashing.

Wait until **B** appears on the display and confirm with



Display shows **CAL P2:xx.xxpH R** and **R** is flashing.

Place the sensor in the pH-4 liquid, wait until **B** appears on the display and confirm with



Display shows **UPDATE**

The controller is now ready for use. Good luck!

## **COMPLETE USER MANUAL**

Scan the QR code for the complete user manual.

