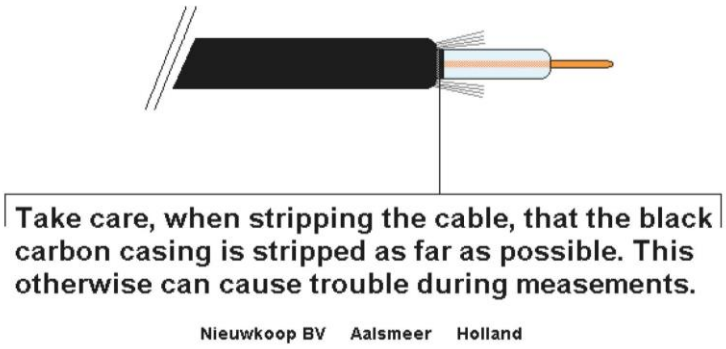
CONNECTION pH-SENSOR ON CONTROLLER PH3000

CABLE CONNECTION

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



Shield wire	11 LO
Central wire	10 HI

-The resistors between the numbers 3-4 and 5-6 should be placed. If an sensor with temperature compensation is used, remove the resistors again.

POWER SUPPLY

9/36 Volt DC

Plus +	1
Ground -	2

SETTING THE TEMPERATURE COMPENSATION MANUALLY

By pressing the button "TEMP" on the front, the unit will show the temperature compensation. This can be adjusted by pressing the button and, at the same time, rotate trimmer R5 (°C m.temp) to the right value.

CALIBRATION

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

ZERO:

Immerse sensor into the calibration liquid pH-7 and calibrate according to the list on the bottle by rotating the set screw "ZERO" (for instance 20°C – 6.88 pH).

SPAN:

Clean the sensor with demi-water and immerse into the pH-4 solution. Calibrate according to the list on the bottle by rotating the set screw "SENS" (20°C – 4 pH).

Clean the sensor with demi-water and immerse into the pH-7 solution again and check if the value is still the same. When the value is not the same, repeat the calibration procedure.

The PH3630 controller is now ready for use.

Note: when it is not longer possible to calibrate the PH3630 with the pH-7 as well as the pH-4 calibration liquid, you should replace the pH-sensor.

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COMPLETE USER MANUAL

Scan the QR code for the complete user manual.

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