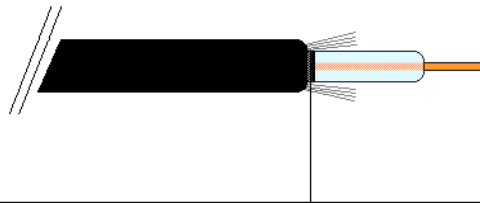


# CONNECTION pH-ELECTRODE PH5510 (SZ1093) ON CONTROLLER PH3001 (PH3436)

## CABLE CONNECTION

Connect pH-electrode, 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.

Nieuwkoop BV Aalsmeer Holland

Shield wire	16 LO
Central wire	17 HI

## POWER SUPPLY

### 9/36 Volt DC

Plus +	3
Ground -	2

## CALIBRATION

Immerse the electrode into the calibration liquid pH-7 and wait for the value to be stable.

**ZERO**  
**MODE** Press this key for 5 seconds, display will show **Zero Cal**, followed by the actual value  
**SENS**  
**^** or **v** Press to change the value according to the calibration fluid  
**ENT** Press to confirm, display will show **UPDATE**

### SPAN:

Clean the electrode with demiwater and immerse into the pH-4 calibration fluid. Wait for the value to be stable.

**SENS**  
**^** Press this key for 5 seconds, display will show **Sens Cal** followed by the actual value.  
Wait for the stabilization of the value.  
**SENS**  
**^** or **v** Press to change the value according to the calibration fluid  
**ENT** Press to confirm, display will show **UPDATE**

Clean the electrode with demiwater en immerse into the pH-7 solution again to check if the value is still the same. When the value is not the same, repeat the calibration procedure.

The PH3001 controller is now ready for use.

Note: when it is not longer possible to calibrate the PH3001 with the pH-7 as well as the pH-4 calibration fluid, you should replace the pH-electrode.

