

## Final inspection report

### Device Information

|                     |                           |
|---------------------|---------------------------|
| Description         | Combined pH/ORP electrode |
| TAG                 |                           |
| Serial number       | WB090005E00               |
| Order code          | CPS16E-1009/0             |
| Extended order code | CPS16E-AA7BTA2            |

### Procedure

The combined pH/ORP electrode was inspected and calibrated in pH buffer solutions traceable to international standards and in ORP buffer solution. Afterwards, calibration data was used for adjustment of the electrode regarding zero point pH, slope pH and offset ORP.

|                                       |                  |
|---------------------------------------|------------------|
| pH values of used pH buffer solutions | 4,01 pH, 6,98 pH |
| mV value of used ORP buffer solution  | 220 mV           |
| Temperature                           | 25 °C            |

### Declaration

We hereby confirm that your product has been manufactured with the greatest care and in compliance within ISO 9001 quality management system. The materials used are subject to continuous quality control. Before leaving our factory, each individual sensor has passed a stringent test on our computerized inspection station and the pertinent results are printed on the certificate below.

If, despite our efforts, a fault occurs, please return this product to your Endress+Hauser sales center. In this case, please don't forget to attach a signed "Declaration of Decontamination", available in the download area of [www.endress.com](http://www.endress.com).

### Test results

| Criteria                              | Measured values | Nominal values |
|---------------------------------------|-----------------|----------------|
| Zero point pH                         | 6,91 pH         | 6,98 pH        |
| Asymmetry pH                          | -4,4 mV         | 0.0 mV         |
| Absolute slope pH                     | 59,0 mV/pH      | 59.2 mV/pH     |
| Relative slope pH                     | 99,7 %          | 100.0 %        |
| Measured value in ORP buffer solution | 218 mV          | 220 mV         |
| Offset ORP                            | 2 mV            | 0 mV           |

### Execution

Gerlingen, 2024-11-12, Heinze

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