Baumer

Passion for Sensors

# CERTIFICATE OF CALIBRATION

| | |
|---|---|
| Type no.: | AFI4-5A10.40$6.1110/9316_8179 |
| Serial no.: | U344.27.X-1457-4456 |
| Date: | 18-08-2026 15:28:30 |
| Tag: | |

| | |
|---|---|
| Cell Constant | 8,82 1/cm |
| Tolerance | ± 1.0 % FSR , 0 … 1 mS/cm to 0 … 500 mS/cm |
| | ± 1.5 % FSR , 0 … 1000 mS/cm |
| | ± 1.5 % FSR , 0 … 500 µS/cm |

After finishing the production process, this sensor has been tested to ensure the highest quality. The sensor has been tested in 13 points, the results are printed below.

**Measurements:**

| Reference Resistor [Ohm] | Norminal Conductivity [mS/cm] | Measured Conductivity [mS/cm] | Max Allowed Error [mS/cm] | Error [mS/cm] |
|---|---|---|---|---|
| 95147,70 | 0,093 | 0,094 | 0,008 | 0,0017 |
| 58215,12 | 0,152 | 0,154 | 0,008 | 0,0024 |
| 9950,51 | 0,886 | 0,888 | 0,010 | 0,0013 |
| 999,77 | 8,822 | 8,817 | 0,100 | -0,0048 |
| 999,77 | 8,822 | 8,819 | 0,100 | -0,0035 |
| 500,00 | 17,640 | 17,651 | 0,200 | 0,0106 |
| 210,17 | 41,966 | 41,949 | 0,500 | -0,0172 |
| 180,17 | 48,954 | 48,957 | 0,500 | 0,0029 |
| 100,11 | 88,099 | 88,135 | 1,000 | 0,0360 |
| 40,14 | 219,722 | 219,347 | 5,000 | -0,3753 |
| 40,14 | 219,722 | 221,131 | 5,000 | 1,4089 |
| 16,11 | 547,435 | 549,902 | 15,000 | 2,4666 |
| 10,12 | 871,398 | 872,082 | 15,000 | 0,6841 |

Calibrated by: Baumer A/S

(Valid without signature /gültig ohne Unterschrift / valable sans signature)



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