Baumer

Passion for Sensors

# CERTIFICATE OF CALIBRATION

| | |
|---|---|
| Type no.: | AFI5-AA12.40$6.1310/9316_8179 |
| Serial no.: | U405.27.X-1598-2770 |
| Date: | 01-10-2026 10:03:36 |
| Tag: | |

| | |
|---|---|
| Cell Constant | 8,78 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] |
|---|---|---|---|---|
| 96457,05 | 0,091 | 0,093 | 0,008 | 0,0024 |
| 58704,79 | 0,150 | 0,152 | 0,008 | 0,0026 |
| 9965,26 | 0,881 | 0,885 | 0,010 | 0,0040 |
| 999,85 | 8,781 | 8,771 | 0,100 | -0,0099 |
| 999,85 | 8,781 | 8,778 | 0,100 | -0,0030 |
| 500,15 | 17,555 | 17,564 | 0,200 | 0,0089 |
| 210,22 | 41,765 | 41,748 | 0,500 | -0,0173 |
| 180,13 | 48,742 | 48,706 | 0,500 | -0,0352 |
| 100,21 | 87,617 | 87,705 | 1,000 | 0,0882 |
| 40,17 | 218,551 | 217,430 | 5,000 | -1,1211 |
| 40,17 | 218,551 | 219,140 | 5,000 | 0,5890 |
| 16,20 | 542,006 | 544,266 | 15,000 | 2,2600 |
| 10,20 | 860,442 | 861,899 | 15,000 | 1,4575 |

Calibrated by: Baumer A/S

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



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