



CERTIFICATE OF CALIBRATION

Type no.: AFI5-AA12.40\$6.1310/9316_8179
Serial no.: U165.27.X-1393-5442
Date: 20-04-2026 11:50:22
Tag:

Cell Constant 8,78 1/cm
Tolerance $\pm 1.0\%$ FSR , 0 ... 1 mS/cm to 0 ... 500 mS/cm
 $\pm 1.5\%$ FSR , 0 ... 1000 mS/cm
 $\pm 1.5\%$ FSR , 0 ... 500 μ S/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]
96460,07	0,091	0,093	0,008	0,0016
58704,96	0,150	0,151	0,008	0,0012
9964,97	0,881	0,883	0,010	0,0019
999,89	8,781	8,768	0,100	-0,0133
999,89	8,781	8,778	0,100	-0,0026
500,21	17,553	17,562	0,200	0,0094
210,28	41,753	41,741	0,500	-0,0129
180,20	48,725	48,697	0,500	-0,0283
100,28	87,555	87,595	1,000	0,0396
40,23	218,223	218,320	5,000	0,0972
40,23	218,223	218,915	5,000	0,6916
16,27	539,724	541,737	15,000	2,0136
10,27	855,265	856,601	15,000	1,3365

Calibrated by: Baumer A/S

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

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