



CERTIFICATE OF CALIBRATION

Type no.: AFI5-AA12.40\$6.1310/9316_8179
Serial no.: U165.27.X-1393-5441
Date: 20-04-2026 12:14:35
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]
96585,51	0,091	0,095	0,008	0,0044
58746,13	0,149	0,152	0,008	0,0030
9965,98	0,881	0,885	0,010	0,0041
999,94	8,780	8,779	0,100	-0,0013
999,94	8,780	8,782	0,100	0,0013
500,10	17,556	17,565	0,200	0,0081
210,16	41,778	41,756	0,500	-0,0213
180,17	48,731	48,737	0,500	0,0063
100,27	87,567	87,560	1,000	-0,0075
40,17	218,583	219,032	5,000	0,4485
40,17	218,583	218,999	5,000	0,4153
16,18	542,543	542,977	15,000	0,4339
10,17	863,015	867,582	15,000	4,5666

Calibrated by: Baumer A/S

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

81390034 Rev.: 00

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