



CERTIFICATE OF CALIBRATION

Type no.: AFI5-AA12.40\$6.1310/9316_8179
Serial no.: U165.27.X-1393-5443
Date: 20-04-2026 11:52:19
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]
96522,65	0,091	0,092	0,008	0,0015
58729,75	0,149	0,151	0,008	0,0017
9965,56	0,881	0,884	0,010	0,0027
999,87	8,781	8,770	0,100	-0,0111
999,87	8,781	8,781	0,100	-0,0006
500,13	17,555	17,566	0,200	0,0103
210,24	41,762	41,756	0,500	-0,0061
180,23	48,715	48,688	0,500	-0,0264
100,25	87,578	87,620	1,000	0,0421
40,14	218,722	218,974	5,000	0,2517
40,14	218,722	219,036	5,000	0,3132
16,26	540,101	541,185	15,000	1,0845
10,12	867,622	870,375	15,000	2,7534

Calibrated by: Baumer A/S

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

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