



CERTIFICATE OF CALIBRATION

Type no.: AFI5-AA13.40\$6.1310/9316_8179
Serial no.: U291.27.X-1436-0732
Date: 08-07-2026 12:03:57
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]
96575,46	0,091	0,092	0,008	0,0016
58746,38	0,149	0,152	0,008	0,0028
9966,32	0,881	0,884	0,010	0,0026
999,92	8,781	8,780	0,100	-0,0003
999,92	8,781	8,782	0,100	0,0012
500,10	17,557	17,561	0,200	0,0042
210,16	41,778	41,757	0,500	-0,0208
180,17	48,732	48,715	0,500	-0,0168
100,26	87,576	87,618	1,000	0,0414
40,16	218,600	218,112	5,000	-0,4877
40,16	218,600	219,111	5,000	0,5106
16,17	543,044	543,922	15,000	0,8781
10,16	863,814	864,344	15,000	0,5302

Calibrated by: Baumer A/S

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

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Baumer A/S · Runetoften 19 · DK-8210 Aarhus V. · Denmark
Phone +45 8931 7611 · info.dk@baumer.com · www.baumer.com