



CERTIFICATE OF CALIBRATION

Type no.: AFI4-5D30.40\$6.1113/9316_8179_Q003
Serial no.: U202.27.X-1411-4775
Date: 08-05-2026 11:21:56
Tag:

Cell Constant 8,82 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]
96576,88	0,091	0,092	0,008	0,0010
58746,74	0,150	0,151	0,008	0,0010
9966,30	0,885	0,886	0,010	0,0007
999,91	8,821	8,821	0,100	0,0005
999,91	8,821	8,825	0,100	0,0039
500,09	17,637	17,645	0,200	0,0080
210,15	41,970	41,951	0,500	-0,0190
180,16	48,956	48,929	0,500	-0,0268
100,25	87,983	88,027	1,000	0,0442
40,16	219,647	219,172	5,000	-0,4746
40,16	219,647	219,772	5,000	0,1251
16,16	545,808	546,260	15,000	0,4519
10,16	868,505	869,531	15,000	1,0262

Calibrated by: Baumer A/S

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

81390034 Rev.: 00

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