



CERTIFICATE OF CALIBRATION

Type no.: AFI4-5D30.40\$6.1113/9316_8179_Q003
Serial no.: U202.27.X-1411-4776
Date: 08-05-2026 11:22:38
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]
96455,72	0,091	0,092	0,008	0,0007
58703,68	0,150	0,151	0,008	0,0010
9965,10	0,885	0,886	0,010	0,0007
999,88	8,821	8,816	0,100	-0,0049
999,88	8,821	8,817	0,100	-0,0037
500,20	17,633	17,640	0,200	0,0067
210,26	41,947	41,818	0,500	-0,1294
180,18	48,952	48,902	0,500	-0,0507
100,25	87,979	88,022	1,000	0,0421
40,22	219,315	218,686	5,000	-0,6289
40,22	219,315	219,126	5,000	-0,1888
16,24	543,051	544,655	15,000	1,6035
10,25	860,766	859,608	15,000	-1,1578

Calibrated by: Baumer A/S

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

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