



CERTIFICATE OF CALIBRATION

Type no.: AFI5-AA12.40\$6.1310/9316_8179
Serial no.: U165.27.X-1393-5444
Date: 20-04-2026 12:05:42
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]
96395,97	0,091	0,094	0,008	0,0034
58674,49	0,150	0,152	0,008	0,0022
9963,17	0,881	0,883	0,010	0,0020
999,96	8,780	8,782	0,100	0,0018
999,96	8,780	8,776	0,100	-0,0043
500,09	17,557	17,557	0,200	0,0004
210,23	41,764	41,718	0,500	-0,0459
180,24	48,714	48,694	0,500	-0,0191
100,19	87,633	87,669	1,000	0,0366
40,16	218,634	218,231	5,000	-0,4022
40,16	218,634	219,095	5,000	0,4615
16,14	543,920	545,606	15,000	1,6863
10,15	865,403	865,565	15,000	0,1622

Calibrated by: Baumer A/S

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

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