Baumer

Passion for Sensors

CERTIFICATE OF CALIBRATION

Type no.:	AFI4-5D30.40$6.1113/9316_8179_Q003
Serial no.:	U351.27.X-1581-7098
Date:	20-08-2026 14:49:08
Tag:	

Cell Constant	8,82 1/cm
Tolerance	± 1.0 % FSR , 0 … 1 mS/cm to 0 … 500 mS/cm
	± 1.5 % FSR , 0 … 1000 mS/cm
	± 1.5 % FSR , 0 … 500 µS/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]
96456,31	0,091	0,094	0,008	0,0027
58703,43	0,150	0,153	0,008	0,0028
9965,14	0,885	0,888	0,010	0,0026
999,84	8,821	8,806	0,100	-0,0150
999,84	8,821	8,821	0,100	-0,0007
500,14	17,635	17,642	0,200	0,0071
210,21	41,959	41,922	0,500	-0,0365
180,12	48,968	48,950	0,500	-0,0177
100,19	88,031	88,085	1,000	0,0545
40,16	219,629	219,298	5,000	-0,3303
40,16	219,629	219,957	5,000	0,3284
16,18	545,007	545,831	15,000	0,8233
10,19	865,755	866,774	15,000	1,0193

Calibrated by: Baumer A/S

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

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