Baumer

Passion for Sensors

CERTIFICATE OF CALIBRATION

Type no.:	AFI4-5D30.40$6.1113/9316_8179_Q003
Serial no.:	U351.27.X-1581-7097
Date:	20-08-2026 14:47:31
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]
96576,44	0,091	0,092	0,008	0,0011
58746,72	0,150	0,152	0,008	0,0017
9966,36	0,885	0,888	0,010	0,0031
999,92	8,821	8,819	0,100	-0,0018
999,92	8,821	8,813	0,100	-0,0073
500,09	17,637	17,646	0,200	0,0089
210,15	41,969	41,918	0,500	-0,0518
180,16	48,955	48,943	0,500	-0,0120
100,25	87,979	88,024	1,000	0,0448
40,16	219,620	218,868	5,000	-0,7525
40,16	219,620	220,748	5,000	1,1273
16,16	545,685	547,103	15,000	1,4183
10,16	868,147	868,119	15,000	-0,0279

Calibrated by: Baumer A/S

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

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