Baumer

Passion for Sensors

CERTIFICATE OF CALIBRATION

Type no.:	AFI4-5A10.40$6.1110/9316_8179
Serial no.:	U344.27.X-1457-4453
Date:	18-08-2026 15:25:08
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]
96455,85	0,091	0,093	0,008	0,0015
58702,94	0,150	0,152	0,008	0,0014
9965,09	0,885	0,887	0,010	0,0022
999,83	8,821	8,814	0,100	-0,0070
999,83	8,821	8,819	0,100	-0,0029
500,14	17,635	17,641	0,200	0,0063
210,21	41,959	41,936	0,500	-0,0226
180,12	48,968	48,964	0,500	-0,0036
100,19	88,030	88,087	1,000	0,0563
40,16	219,627	219,061	5,000	-0,5668
40,16	219,627	220,127	5,000	0,5000
16,18	544,969	545,521	15,000	0,5515
10,19	865,648	865,457	15,000	-0,1913

Calibrated by: Baumer A/S

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

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