Baumer

Passion for Sensors

CERTIFICATE OF CALIBRATION

Type no.:	AFI5-AA12.40$6.1310/9316_8179
Serial no.:	U405.27.X-1598-2769
Date:	01-10-2026 10:01:29
Tag:	

Cell Constant	8,78 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]
96577,01	0,091	0,090	0,008	-0,0004
58747,89	0,149	0,150	0,008	0,0007
9966,47	0,881	0,882	0,010	0,0011
999,92	8,781	8,778	0,100	-0,0027
999,92	8,781	8,783	0,100	0,0027
500,09	17,557	17,568	0,200	0,0110
210,15	41,779	41,767	0,500	-0,0127
180,16	48,734	48,707	0,500	-0,0266
100,25	87,581	87,633	1,000	0,0522
40,16	218,635	217,635	5,000	-0,9999
40,16	218,635	219,679	5,000	1,0448
16,16	543,258	545,579	15,000	2,3214
10,16	864,328	865,677	15,000	1,3483

Calibrated by: Baumer A/S

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

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