Baumer

Passion for Sensors

CERTIFICATE OF CALIBRATION

Type no.:	AFI5-AA12.40$6.1310/9316_8179
Serial no.:	U325.27.X-1456-3705
Date:	07-08-2026 11:48:27
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]
96578,20	0,091	0,093	0,008	0,0021
58746,98	0,149	0,151	0,008	0,0019
9966,43	0,881	0,886	0,010	0,0046
999,94	8,781	8,780	0,100	-0,0002
999,94	8,781	8,780	0,100	-0,0004
500,10	17,556	17,557	0,200	0,0006
210,17	41,776	41,749	0,500	-0,0271
180,18	48,729	48,699	0,500	-0,0297
100,27	87,566	87,602	1,000	0,0367
40,18	218,541	218,152	5,000	-0,3887
40,18	218,541	218,711	5,000	0,1706
16,18	542,659	543,193	15,000	0,5339
10,18	862,864	864,972	15,000	2,1077

Calibrated by: Baumer A/S

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

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