Baumer

Passion for Sensors

CERTIFICATE OF CALIBRATION

Type no.:	AFI5-AA12.40$6.1310/9316_8179
Serial no.:	U343.27.X-1458-2535
Date:	18-08-2026 11:12:15
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]
96518,75	0,091	0,092	0,008	0,0007
58729,14	0,150	0,150	0,008	0,0002
9965,67	0,881	0,881	0,010	0,0001
999,86	8,781	8,772	0,100	-0,0089
999,86	8,781	8,782	0,100	0,0006
500,12	17,556	17,565	0,200	0,0096
210,21	41,767	41,709	0,500	-0,0581
180,21	48,722	48,690	0,500	-0,0321
100,22	87,604	87,653	1,000	0,0482
40,12	218,864	218,374	5,000	-0,4898
40,12	218,864	219,687	5,000	0,8235
16,23	541,134	542,877	15,000	1,7432
10,09	870,328	872,801	15,000	2,4723

Calibrated by: Baumer A/S

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

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