Baumer

Passion for Sensors

CERTIFICATE OF CALIBRATION

Type no.:	AFI5-AA12.40$6.1310/9316_8179
Serial no.:	U343.27.X-1458-2534
Date:	18-08-2026 11:11:07
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]
96455,85	0,091	0,093	0,008	0,0019
58702,94	0,150	0,151	0,008	0,0018
9965,09	0,881	0,883	0,010	0,0022
999,83	8,781	8,774	0,100	-0,0074
999,83	8,781	8,781	0,100	-0,0007
500,14	17,555	17,561	0,200	0,0055
210,21	41,768	41,783	0,500	0,0149
180,12	48,746	48,719	0,500	-0,0262
100,19	87,631	87,690	1,000	0,0592
40,16	218,630	218,054	5,000	-0,5758
40,16	218,630	219,124	5,000	0,4940
16,18	542,487	542,831	15,000	0,3433
10,19	861,696	861,025	15,000	-0,6716

Calibrated by: Baumer A/S

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

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