Baumer

Passion for Sensors

CERTIFICATE OF CALIBRATION

Type no.:	AFI5-AA12.40$6.1310/9316_8179
Serial no.:	U343.27.X-1458-2536
Date:	18-08-2026 11:13:53
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]
96392,44	0,091	0,095	0,008	0,0035
58675,01	0,150	0,153	0,008	0,0034
9963,46	0,881	0,884	0,010	0,0028
999,91	8,781	8,781	0,100	-0,0003
999,91	8,781	8,784	0,100	0,0030
500,06	17,558	17,562	0,200	0,0041
210,18	41,775	41,738	0,500	-0,0369
180,19	48,727	48,709	0,500	-0,0179
100,14	87,677	87,719	1,000	0,0419
40,11	218,891	218,121	5,000	-0,7702
40,11	218,891	219,865	5,000	0,9736
16,10	545,358	547,096	15,000	1,7379
10,10	869,253	870,407	15,000	1,1540

Calibrated by: Baumer A/S

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

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