Baumer

Passion for Sensors

CERTIFICATE OF CALIBRATION

Type no.:	AFI5-AA12.40$6.1310/9316_8179
Serial no.:	U325.27.X-1456-3708
Date:	07-08-2026 11:52:12
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]
96393,08	0,091	0,094	0,008	0,0033
58675,10	0,150	0,153	0,008	0,0038
9963,46	0,881	0,883	0,010	0,0022
999,91	8,781	8,778	0,100	-0,0026
999,91	8,781	8,782	0,100	0,0009
500,06	17,558	17,566	0,200	0,0084
210,18	41,774	41,753	0,500	-0,0206
180,19	48,726	48,719	0,500	-0,0077
100,14	87,675	87,696	1,000	0,0214
40,11	218,887	218,762	5,000	-0,1252
40,11	218,887	218,645	5,000	-0,2414
16,10	545,264	545,629	15,000	0,3654
10,10	869,169	868,899	15,000	-0,2695

Calibrated by: Baumer A/S

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

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