Baumer

Passion for Sensors

CERTIFICATE OF CALIBRATION

Type no.:	AFI5-AD32.40$6.1313/9316_8179_Q003
Serial no.:	U411.27.X-1598-8451
Date:	05-10-2026 16:17:28
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]
95151,19	0,092	0,095	0,008	0,0026
58216,15	0,151	0,154	0,008	0,0032
9950,30	0,882	0,885	0,010	0,0022
999,77	8,782	8,777	0,100	-0,0053
999,77	8,782	8,782	0,100	-0,0005
500,01	17,560	17,567	0,200	0,0077
210,19	41,771	41,788	0,500	0,0173
180,19	48,725	48,745	0,500	0,0200
100,15	87,673	87,687	1,000	0,0144
40,17	218,578	219,403	5,000	0,8242
40,17	218,578	219,051	5,000	0,4724
16,14	543,897	544,980	15,000	1,0828
10,15	864,911	867,219	15,000	2,3086

Calibrated by: Baumer A/S

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

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