Baumer

Passion for Sensors

CERTIFICATE OF CALIBRATION

Type no.:	AFI5-AA12.40$6.1310/9316_8179
Serial no.:	U325.27.X-1456-3707
Date:	07-08-2026 11:58:13
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]
96520,68	0,091	0,093	0,008	0,0018
58730,00	0,149	0,151	0,008	0,0016
9965,76	0,881	0,882	0,010	0,0015
999,86	8,781	8,775	0,100	-0,0059
999,86	8,781	8,780	0,100	-0,0008
500,13	17,556	17,563	0,200	0,0079
210,22	41,766	41,758	0,500	-0,0078
180,21	48,720	48,703	0,500	-0,0173
100,23	87,598	87,637	1,000	0,0385
40,12	218,833	218,795	5,000	-0,0386
40,12	218,833	219,227	5,000	0,3941
16,23	540,953	541,307	15,000	0,3547
10,09	869,773	872,908	15,000	3,1345

Calibrated by: Baumer A/S

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

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