Baumer

Passion for Sensors

CERTIFICATE OF CALIBRATION

Type no.:	AFI5-AD32.40$6.1313/9316_8179_Q003
Serial no.:	U411.27.X-1598-8449
Date:	05-10-2026 15:00:22
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]
96524,58	0,091	0,093	0,008	0,0021
58731,14	0,149	0,151	0,008	0,0016
9965,76	0,881	0,883	0,010	0,0024
999,87	8,781	8,774	0,100	-0,0067
999,87	8,781	8,782	0,100	0,0009
500,14	17,555	17,560	0,200	0,0050
210,25	41,760	41,805	0,500	0,0446
180,24	48,713	48,705	0,500	-0,0075
100,26	87,568	87,604	1,000	0,0360
40,16	218,650	219,146	5,000	0,4958
40,16	218,650	218,735	5,000	0,0848
16,27	539,635	540,286	15,000	0,6509
10,13	866,622	871,463	15,000	4,8413

Calibrated by: Baumer A/S

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

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