Baumer

Passion for Sensors

CERTIFICATE OF CALIBRATION

Type no.:	AFI4-5A10.40$6.1310/9316_8179
Serial no.:	U111.27.X-1375-1594
Date:	27-03-2026 09:34:35
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]
96454,66	0,091	0,093	0,008	0,0020
58702,85	0,150	0,151	0,008	0,0010
9965,05	0,881	0,882	0,010	0,0008
1499,78	5,854	5,848	0,100	-0,0063
999,87	8,781	8,783	0,100	0,0015
500,18	17,554	17,565	0,200	0,0109
300,18	29,249	29,250	0,300	0,0017
180,15	48,737	48,759	0,500	0,0219
120,14	73,082	73,149	1,000	0,0673
80,17	109,515	109,490	2,000	-0,0252
50,25	174,742	174,903	2,000	0,1606
16,21	541,493	543,007	15,000	1,5139
10,22	859,171	860,507	15,000	1,3363

Calibrated by: Baumer A/S

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

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