Baumer

Passion for Sensors

CERTIFICATE OF CALIBRATION

Type no.:	AFI4-5A10.40$6.1310/9316_8179
Serial no.:	U111.27.X-1375-1595
Date:	27-03-2026 09:43:17
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]
96517,27	0,091	0,093	0,008	0,0025
58728,00	0,150	0,151	0,008	0,0018
9965,51	0,881	0,883	0,010	0,0022
1499,68	5,855	5,850	0,100	-0,0041
999,86	8,781	8,781	0,100	-0,0003
500,12	17,556	17,566	0,200	0,0096
300,09	29,258	29,268	0,300	0,0102
180,20	48,723	48,728	0,500	0,0053
120,10	73,106	73,157	1,000	0,0514
80,12	109,587	109,531	2,000	-0,0559
50,12	175,165	175,240	2,000	0,0750
16,21	541,502	542,254	15,000	0,7512
10,08	870,885	872,269	15,000	1,3845

Calibrated by: Baumer A/S

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

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