Baumer

Passion for Sensors

CERTIFICATE OF CALIBRATION

Type no.:	AFI4-5D30.40$6.1113/9316_8179_Q003
Serial no.:	U342.27.X-1457-4447
Date:	17-08-2026 09:04:26
Tag:	

Cell Constant	8,82 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]
96524,38	0,091	0,093	0,008	0,0019
58731,14	0,150	0,152	0,008	0,0022
9965,74	0,885	0,888	0,010	0,0025
999,87	8,821	8,815	0,100	-0,0064
999,87	8,821	8,819	0,100	-0,0023
500,14	17,635	17,643	0,200	0,0084
210,25	41,950	41,953	0,500	0,0027
180,24	48,935	48,911	0,500	-0,0241
100,26	87,969	88,008	1,000	0,0392
40,15	219,651	219,909	5,000	0,2581
40,15	219,651	219,700	5,000	0,0492
16,27	542,125	542,551	15,000	0,4266
10,13	870,775	874,433	15,000	3,6577

Calibrated by: Baumer A/S

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

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