Baumer

Passion for Sensors

CERTIFICATE OF CALIBRATION

Type no.:	AFI5-AA12.40$6.1310/9316_8179
Serial no.:	U343.27.X-1458-2533
Date:	18-08-2026 11:15:26
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]
96576,63	0,091	0,091	0,008	0,0005
58746,67	0,149	0,151	0,008	0,0011
9966,29	0,881	0,885	0,010	0,0036
999,91	8,781	8,770	0,100	-0,0104
999,91	8,781	8,785	0,100	0,0038
500,09	17,557	17,559	0,200	0,0021
210,15	41,780	41,683	0,500	-0,0970
180,16	48,735	48,746	0,500	0,0114
100,25	87,585	87,654	1,000	0,0686
40,15	218,656	217,383	5,000	-1,2727
40,15	218,656	220,584	5,000	1,9284
16,16	543,405	546,677	15,000	3,2728
10,15	864,693	870,012	15,000	5,3187

Calibrated by: Baumer A/S

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

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