Baumer

Passion for Sensors

CERTIFICATE OF CALIBRATION

Type no.:	AFI5-AD32.40$6.1313/9316_8179_Q003
Serial no.:	U411.27.X-1598-8450
Date:	05-10-2026 15:03:25
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]
96397,01	0,091	0,093	0,008	0,0017
58673,96	0,150	0,151	0,008	0,0013
9963,10	0,881	0,884	0,010	0,0024
999,93	8,781	8,771	0,100	-0,0094
999,93	8,781	8,780	0,100	-0,0008
500,07	17,558	17,563	0,200	0,0054
210,20	41,769	41,718	0,500	-0,0514
180,21	48,720	48,690	0,500	-0,0300
100,17	87,651	87,691	1,000	0,0397
40,14	218,758	218,426	5,000	-0,3321
40,14	218,758	219,191	5,000	0,4330
16,13	544,468	545,991	15,000	1,5220
10,12	867,179	866,960	15,000	-0,2183

Calibrated by: Baumer A/S

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

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