Baumer

Passion for Sensors

CERTIFICATE OF CALIBRATION

Type no.:	AFI5-AD32.40$6.1313/9316_8179_Q003
Serial no.:	U411.27.X-1598-8448
Date:	05-10-2026 14:57:38
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]
96461,20	0,091	0,093	0,008	0,0019
58705,37	0,150	0,151	0,008	0,0016
9965,03	0,881	0,884	0,010	0,0024
999,85	8,781	8,774	0,100	-0,0072
999,85	8,781	8,774	0,100	-0,0073
500,17	17,554	17,559	0,200	0,0056
210,25	41,761	41,645	0,500	-0,1159
180,16	48,735	48,732	0,500	-0,0022
100,25	87,585	87,633	1,000	0,0477
40,20	218,404	218,424	5,000	0,0201
40,20	218,404	219,782	5,000	1,3777
16,23	540,819	544,054	15,000	3,2346
10,23	858,016	865,788	15,000	7,7721

Calibrated by: Baumer A/S

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

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