Baumer

Passion for Sensors

CERTIFICATE OF CALIBRATION

Type no.:	AFI4-5A10.40$6.1110/9316_8179
Serial no.:	U344.27.X-1457-4454
Date:	18-08-2026 15:26:11
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]
96518,75	0,091	0,093	0,008	0,0017
58729,14	0,150	0,152	0,008	0,0014
9965,67	0,885	0,888	0,010	0,0026
999,86	8,821	8,809	0,100	-0,0119
999,86	8,821	8,817	0,100	-0,0047
500,12	17,636	17,642	0,200	0,0064
210,21	41,958	41,936	0,500	-0,0215
180,20	48,944	48,914	0,500	-0,0306
100,22	88,005	88,077	1,000	0,0716
40,11	219,870	219,021	5,000	-0,8495
40,11	219,870	220,206	5,000	0,3353
16,22	543,657	545,093	15,000	1,4355
10,09	874,442	874,186	15,000	-0,2564

Calibrated by: Baumer A/S

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

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