Baumer

Passion for Sensors

CERTIFICATE OF CALIBRATION

Type no.:	AFI5-AA12.40$6.1310/9316_8179
Serial no.:	U343.27.X-1458-2537
Date:	18-08-2026 11:14:55
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]
95147,70	0,092	0,093	0,008	0,0010
58215,12	0,151	0,152	0,008	0,0010
9950,51	0,882	0,884	0,010	0,0015
999,77	8,782	8,774	0,100	-0,0085
999,77	8,782	8,782	0,100	-0,0003
500,00	17,560	17,566	0,200	0,0063
210,17	41,776	41,732	0,500	-0,0440
180,17	48,732	48,728	0,500	-0,0045
100,11	87,700	87,738	1,000	0,0382
40,14	218,724	218,284	5,000	-0,4399
40,14	218,724	220,310	5,000	1,5863
16,11	544,942	547,113	15,000	2,1708
10,12	867,421	868,840	15,000	1,4198

Calibrated by: Baumer A/S

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

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