Baumer

Passion for Sensors

CERTIFICATE OF CALIBRATION

Type no.:	AFI5-AA12.40$6.1310/9316_8179
Serial no.:	U405.27.X-1598-2772
Date:	01-10-2026 10:08:09
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]
96392,39	0,091	0,094	0,008	0,0030
58675,71	0,150	0,152	0,008	0,0025
9963,45	0,881	0,883	0,010	0,0021
999,91	8,781	8,780	0,100	-0,0009
999,91	8,781	8,776	0,100	-0,0044
500,06	17,558	17,565	0,200	0,0075
210,18	41,774	41,730	0,500	-0,0440
180,19	48,726	48,713	0,500	-0,0125
100,14	87,674	87,726	1,000	0,0522
40,11	218,875	218,134	5,000	-0,7408
40,11	218,875	219,802	5,000	0,9274
16,10	545,244	546,728	15,000	1,4840
10,10	869,053	869,420	15,000	0,3672

Calibrated by: Baumer A/S

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

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