Baumer

Passion for Sensors

CERTIFICATE OF CALIBRATION

Type no.:	AFI4-5D30.40$6.1313/9316_8179_Q003
Serial no.:	U323.27.X-1456-3687
Date:	03-08-2026 10:15:01
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]
96586,36	0,091	0,092	0,008	0,0012
58746,00	0,149	0,151	0,008	0,0019
9966,01	0,881	0,881	0,010	0,0002
999,96	8,780	8,780	0,100	-0,0007
999,96	8,780	8,784	0,100	0,0032
500,11	17,556	17,568	0,200	0,0116
210,17	41,775	41,743	0,500	-0,0326
180,19	48,728	48,706	0,500	-0,0217
100,28	87,555	87,586	1,000	0,0310
40,18	218,503	219,038	5,000	0,5354
40,18	218,503	217,752	5,000	-0,7513
16,20	541,999	542,530	15,000	0,5309
10,19	861,718	862,952	15,000	1,2345

Calibrated by: Baumer A/S

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

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