Baumer

Passion for Sensors

CERTIFICATE OF CALIBRATION

Type no.:	AFI4-5A10.40$6.1310/9316_8179
Serial no.:	U111.27.X-1375-1600
Date:	27-03-2026 13:27:14
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]
95146,11	0,092	0,096	0,008	0,0033
58214,83	0,151	0,153	0,008	0,0025
9950,50	0,882	0,884	0,010	0,0013
1499,20	5,856	5,852	0,100	-0,0046
999,79	8,782	8,785	0,100	0,0034
500,02	17,559	17,568	0,200	0,0084
300,11	29,256	29,251	0,300	-0,0047
180,19	48,725	48,745	0,500	0,0200
120,10	73,104	73,165	1,000	0,0608
80,15	109,542	109,457	2,000	-0,0843
50,19	174,934	175,015	2,000	0,0815
16,13	544,212	545,773	15,000	1,5608
10,15	865,394	866,514	15,000	1,1209

Calibrated by: Baumer A/S

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

Baumer A/S · Runetoften 19 · DK-8210 Aarhus V. · Denmark

Phone +45 8931 7611 · info.dk@baumer.com · www.baumer.com