Baumer

Passion for Sensors

CERTIFICATE OF CALIBRATION

Type no.:	AFI5-AA12.40$6.1310/9316_8179
Serial no.:	U325.27.X-1456-3706
Date:	07-08-2026 11:49:34
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]
96456,70	0,091	0,092	0,008	0,0012
58703,99	0,150	0,150	0,008	0,0002
9965,20	0,881	0,883	0,010	0,0017
999,84	8,781	8,767	0,100	-0,0149
999,84	8,781	8,779	0,100	-0,0020
500,15	17,555	17,562	0,200	0,0071
210,22	41,766	41,715	0,500	-0,0513
180,13	48,743	48,702	0,500	-0,0405
100,21	87,620	87,698	1,000	0,0783
40,17	218,572	218,903	5,000	0,3313
40,17	218,572	218,516	5,000	-0,0564
16,20	542,127	542,638	15,000	0,5107
10,20	860,757	862,026	15,000	1,2690

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