Baumer

Passion for Sensors

CERTIFICATE OF CALIBRATION

Type no.:	AFI4-5A10.40$6.1310/9316_8179
Serial no.:	U111.27.X-1375-1606
Date:	30-03-2026 08:38:22
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]
96454,36	0,091	0,093	0,008	0,0015
58702,95	0,150	0,152	0,008	0,0020
9965,03	0,881	0,884	0,010	0,0031
1499,77	5,854	5,840	0,100	-0,0143
999,86	8,781	8,795	0,100	0,0139
500,17	17,554	17,561	0,200	0,0071
300,18	29,249	29,237	0,300	-0,0117
180,15	48,738	48,777	0,500	0,0394
120,14	73,084	73,157	1,000	0,0725
80,17	109,520	109,460	2,000	-0,0600
50,24	174,755	175,406	2,000	0,6515
16,21	541,609	543,109	15,000	1,4995
10,22	859,455	862,253	15,000	2,7989

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