



CERTIFICATE OF CALIBRATION

Type no.: AFI4-5A10.40\$6.1310/9316_8179
Serial no.: U111.27.X-1375-1610
Date: 30-03-2026 10:08:31
Tag:

Cell Constant 8,78 1/cm
Tolerance $\pm 1.0\%$ FSR , 0 ... 1 mS/cm to 0 ... 500 mS/cm
 $\pm 1.5\%$ FSR , 0 ... 1000 mS/cm
 $\pm 1.5\%$ FSR , 0 ... 500 μ S/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	0,092	0,008	0,0013
58702,95	0,150	0,151	0,008	0,0015
9965,03	0,881	0,882	0,010	0,0005
1499,77	5,854	5,845	0,100	-0,0094
999,86	8,781	8,779	0,100	-0,0018
500,17	17,554	17,561	0,200	0,0074
300,18	29,249	29,250	0,300	0,0007
180,15	48,738	48,757	0,500	0,0190
120,14	73,084	73,153	1,000	0,0698
80,17	109,519	109,468	2,000	-0,0506
50,24	174,751	174,779	2,000	0,0276
16,21	541,575	542,630	15,000	1,0550
10,22	859,367	861,896	15,000	2,5289

Calibrated by: Baumer A/S

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

81390034 Rev.: 00

Baumer A/S · Runetoften 19 · DK-8210 Aarhus V. · Denmark
Phone +45 8931 7611 · info.dk@baumer.com · www.baumer.com