Baumer

Passion for Sensors

CERTIFICATE OF CALIBRATION

Type no.:	AFI5-AD32.40$6.1313/9316_8179_Q003
Serial no.:	U411.27.X-1598-8447
Date:	05-10-2026 14:55:03
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]
96586,31	0,091	0,092	0,008	0,0008
58746,25	0,149	0,150	0,008	0,0008
9966,07	0,881	0,883	0,010	0,0016
999,96	8,780	8,772	0,100	-0,0083
999,96	8,780	8,783	0,100	0,0031
500,12	17,556	17,563	0,200	0,0068
210,18	41,774	41,779	0,500	0,0042
180,19	48,727	48,718	0,500	-0,0085
100,28	87,551	87,593	1,000	0,0422
40,19	218,480	218,476	5,000	-0,0036
40,19	218,480	218,437	5,000	-0,0431
16,20	541,882	543,351	15,000	1,4698
10,19	861,389	863,126	15,000	1,7372

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