Baumer

Passion for Sensors

CERTIFICATE OF CALIBRATION

Type no.:	AFI5-AD32.40$6.1113/9316_8179_Q003
Serial no.:	U354.27.X-1580-1023
Date:	28-08-2026 13:58:41
Tag:	

Cell Constant	8,82 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]
96456,66	0,091	0,091	0,008	-0,0004
58704,38	0,150	0,151	0,008	0,0007
9965,19	0,885	0,886	0,010	0,0009
999,84	8,821	8,812	0,100	-0,0090
999,84	8,821	8,815	0,100	-0,0061
500,14	17,635	17,642	0,200	0,0067
210,21	41,959	41,911	0,500	-0,0477
180,12	48,968	48,950	0,500	-0,0178
100,19	88,030	88,093	1,000	0,0631
40,16	219,628	218,925	5,000	-0,7038
40,16	219,628	220,588	5,000	0,9595
16,18	544,982	547,192	15,000	2,2099
10,19	865,664	867,086	15,000	1,4219

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