Baumer

Passion for Sensors

CERTIFICATE OF CALIBRATION

Type no.:	AFI5-AD33.40$6.1113/9316_8179_Q003
Serial no.:	U325.27.X-1456-3709
Date:	04-08-2026 12:13:51
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]
96576,76	0,091	0,092	0,008	0,0006
58746,80	0,150	0,150	0,008	-0,0005
9966,36	0,885	0,884	0,010	-0,0011
999,91	8,821	8,811	0,100	-0,0097
999,91	8,821	8,821	0,100	0,0000
500,08	17,637	17,636	0,200	-0,0010
210,14	41,972	41,892	0,500	-0,0795
180,15	48,958	48,908	0,500	-0,0503
100,24	87,988	88,052	1,000	0,0635
40,15	219,678	218,886	5,000	-0,7918
40,15	219,678	219,656	5,000	-0,0218
16,15	546,003	546,484	15,000	0,4810
10,15	869,019	869,208	15,000	0,1891

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