Baumer

Passion for Sensors

CERTIFICATE OF CALIBRATION

Type no.:	AFI5-AA12.40$6.1310/9316_8179
Serial no.:	U405.27.X-1598-2771
Date:	01-10-2026 10:05:25
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]
96521,13	0,091	0,092	0,008	0,0013
58730,53	0,149	0,151	0,008	0,0019
9965,79	0,881	0,883	0,010	0,0024
999,86	8,781	8,782	0,100	0,0011
999,86	8,781	8,775	0,100	-0,0065
500,13	17,556	17,563	0,200	0,0080
210,22	41,766	41,745	0,500	-0,0208
180,21	48,720	48,693	0,500	-0,0268
100,23	87,598	87,673	1,000	0,0752
40,12	218,828	218,384	5,000	-0,4444
40,12	218,828	219,490	5,000	0,6613
16,23	540,941	542,406	15,000	1,4649
10,10	869,692	869,746	15,000	0,0539

Calibrated by: Baumer A/S

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

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