Baumer

Passion for Sensors

CERTIFICATE OF CALIBRATION

Type no.:	AFI5-AA12.40$6.1310/9316_8179
Serial no.:	U405.27.X-1598-2773
Date:	01-10-2026 10:10:50
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]
95150,54	0,092	0,093	0,008	0,0011
58215,78	0,151	0,155	0,008	0,0038
9950,53	0,882	0,885	0,010	0,0021
999,77	8,782	8,779	0,100	-0,0030
999,77	8,782	8,782	0,100	0,0001
500,00	17,560	17,570	0,200	0,0098
210,18	41,774	41,737	0,500	-0,0369
180,18	48,730	48,736	0,500	0,0059
100,12	87,691	87,730	1,000	0,0391
40,15	218,678	218,136	5,000	-0,5420
40,15	218,678	220,767	5,000	2,0897
16,12	544,645	546,544	15,000	1,8989
10,13	866,636	870,510	15,000	3,8738

Calibrated by: Baumer A/S

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

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