Baumer

Passion for Sensors

CERTIFICATE OF CALIBRATION

Type no.:	AFI4-5D30.40$6.1113/9316_8179_Q003
Serial no.:	U342.27.X-1457-4448
Date:	17-08-2026 09:06:30
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]
95151,02	0,093	0,095	0,008	0,0027
58216,32	0,152	0,154	0,008	0,0026
9950,30	0,886	0,889	0,010	0,0026
999,77	8,822	8,818	0,100	-0,0039
999,77	8,822	8,821	0,100	-0,0013
500,01	17,640	17,649	0,200	0,0093
210,19	41,961	41,935	0,500	-0,0262
180,19	48,948	48,947	0,500	-0,0002
100,14	88,074	88,085	1,000	0,0116
40,17	219,584	219,843	5,000	0,2592
40,17	219,584	219,431	5,000	-0,1533
16,14	546,439	545,603	15,000	-0,8359
10,15	869,017	869,305	15,000	0,2872

Calibrated by: Baumer A/S

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

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