Baumer

Passion for Sensors

CERTIFICATE OF CALIBRATION

Type no.:	AFI4-5A10.40$6.1110/9316_8179
Serial no.:	U344.27.X-1457-4455
Date:	18-08-2026 15:27:27
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]
96392,44	0,092	0,093	0,008	0,0014
58675,01	0,150	0,151	0,008	0,0007
9963,46	0,885	0,887	0,010	0,0019
999,91	8,821	8,813	0,100	-0,0082
999,91	8,821	8,810	0,100	-0,0112
500,06	17,638	17,648	0,200	0,0106
210,18	41,965	41,908	0,500	-0,0565
180,19	48,949	48,948	0,500	-0,0014
100,14	88,077	88,107	1,000	0,0297
40,11	219,889	219,314	5,000	-0,5753
40,11	219,889	220,807	5,000	0,9182
16,10	547,844	549,001	15,000	1,1569
10,10	873,217	873,360	15,000	0,1433

Calibrated by: Baumer A/S

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

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