Baumer

Passion for Sensors

CERTIFICATE OF CALIBRATION

Type no.:	AFI4-5D30.40$6.1113/9316_8179_Q003
Serial no.:	U134.27.X-1383-8762
Date:	24-03-2026 14:27:44
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	0,0015
58674,33	0,150	0,151	0,008	0,0006
9963,36	0,885	0,886	0,010	0,0012
1499,63	5,881	5,880	0,100	-0,0013
999,96	8,820	8,820	0,100	-0,0001
500,09	17,637	17,643	0,200	0,0061
300,16	29,384	29,389	0,300	0,0045
180,23	48,936	48,950	0,500	0,0134
120,22	73,367	73,422	1,000	0,0548
80,24	109,926	109,877	2,000	-0,0485
50,20	175,686	175,984	2,000	0,2979
16,13	546,726	547,710	15,000	0,9836
10,15	869,241	873,001	15,000	3,7600

Calibrated by: Baumer A/S

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

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