Baumer

Passion for Sensors

CERTIFICATE OF CALIBRATION

Type no.:	AFI4-5A10.40$6.1110/9316_8179
Serial no.:	U344.27.X-1457-4452
Date:	18-08-2026 15:24:04
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]
96576,64	0,091	0,092	0,008	0,0010
58746,67	0,150	0,152	0,008	0,0014
9966,30	0,885	0,888	0,010	0,0031
999,91	8,821	8,811	0,100	-0,0096
999,91	8,821	8,819	0,100	-0,0013
500,09	17,637	17,644	0,200	0,0073
210,15	41,970	41,938	0,500	-0,0320
180,16	48,956	48,962	0,500	0,0061
100,25	87,981	88,046	1,000	0,0647
40,16	219,632	218,927	5,000	-0,7049
40,16	219,632	220,625	5,000	0,9930
16,16	545,755	547,056	15,000	1,3009
10,16	868,315	869,067	15,000	0,7523

Calibrated by: Baumer A/S

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

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