Baumer

Passion for Sensors

CERTIFICATE OF CALIBRATION

Type no.:	AFI5-AD32.40$6.1113/9316_8179_Q003
Serial no.:	U354.27.X-1580-1022
Date:	28-08-2026 13:57:52
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]
96575,59	0,091	0,092	0,008	0,0004
58746,37	0,150	0,151	0,008	0,0006
9966,37	0,885	0,885	0,010	0,0004
999,91	8,821	8,815	0,100	-0,0055
999,91	8,821	8,824	0,100	0,0029
500,09	17,637	17,643	0,200	0,0065
210,15	41,971	41,984	0,500	0,0128
180,16	48,957	48,931	0,500	-0,0260
100,24	87,985	88,037	1,000	0,0514
40,15	219,660	219,177	5,000	-0,4836
40,15	219,660	220,501	5,000	0,8405
16,16	545,879	546,356	15,000	0,4774
10,15	868,742	871,881	15,000	3,1388

Calibrated by: Baumer A/S

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

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