



Baumer

Passion for Sensors

CERTIFICATE OF CALIBRATION

Inductive Conductivity Transmitter - Conductivity

Customer: ECOLAB Engineering GmbH
Raiffeisenstraße 7
83313 Siegsdorf, Deutschland

Type no: AFI4-5D30.40\$6.1113/9316_8179_Q003
Material no: 11272747
Baumer order no: 2492055-10
Customer order no: 4500529281
Serial no: U202.27.X-1411-4775

Range: 0,5 mS - 100 mS

Test equipment:

Yokogawa SC450G-A-A/Q/UM no: 92NA03280
Yokogawa SC42-EP08/Q no: N1D501386
Yokogawa SC42-SP34 no: N1D200437
Keithly 2000 no: 63307

This certificate provides traceability of measurement to recognized national/international standards.

Conductivity:

The accuracy specified in the datasheet of AFIX:

- 0 - 1 mS/cm 1%
- 0 - 2 mS/cm 1%
- 0 - 10 mS/cm 1%
- 0 - 50 mS/cm 1%
- 0 - 200 mS/cm 1%

Measurements:

Conductivity	Range ¹⁾	True conductivity ²⁾	Measured conductivity (display)	Measured current ²⁾³⁾ (Current output)	Deviation conductivity (Display)	Deviation current (Current output)		Accuracy Display	Accuracy current output
[mS/cm]	[mS/cm]	[mS/cm]	[mS/cm]	[mA]	[mS/cm]	mA	[mS/cm]	%	%
0,5	0 - 1	0,474	0,471	11,52683	-0,003	-0,053	-0,003	-0,27	-0,33
1	0 - 2	1,044	1,043	12,34338	-0,001	-0,006	-0,001	-0,03	-0,04
5	0 - 10	5,084	5,06	12,07932	-0,024	-0,055	-0,034	-0,24	-0,34
25	0 - 50	25,239	25,19	12,05125	-0,049	-0,025	-0,079	-0,10	-0,16
100	0 - 200	105,871	106,2	12,50037	0,329	0,031	0,383	0,16	0,19

1) Selected measuring range on AFIX.

2) Calibration performed without temperature compensation.

3) Measured on the output current with a 100 Ohm as load in series with the Ampere meter.

Date: 13-05-2026

Calibrated by: Le Huynh Huu
(Valid without signature / gültig ohne Unterschrift)

T_{amb}: 23°C

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Baumer A/S · Runetoften 19 · DK-8210 Aarhus V. · Denmark
Phone +45 8931 7611 · info.dk@baumer.com · www.baumer.com