



Baumer

Passion for Sensors

CERTIFICATE OF CALIBRATION

Inductive Conductivity Transmitter - Conductivity

Customer: ECOLAB Engineering GmbH
Raiffeisenstraße 7
83313 Siegsdorf, Deutschland

Type no: AFI5-AD32.40\$6.1113/9316_8179_Q003
Material no: 11272745
Baumer order no: 2476679-10
Customer order no: 4500527040
Serial no: U152.27.X-1389-5231, Sensor no: 3901

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	0,484	0,484	11,73676	0,000	-0,003	0,000	0,03	-0,02
1	0 - 2	1,055	1,057	12,45094	0,002	0,014	0,002	0,12	0,09
5	0 - 10	5,044	5,03	12,05026	-0,014	-0,020	-0,012	-0,14	-0,12
25	0 - 50	25,209	25,14	12,04266	-0,069	-0,024	-0,076	-0,14	-0,15
100	0 - 200	105,871	106,2	12,49548	0,329	0,026	0,322	0,16	0,16

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: 13-04-2026

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

T_{amb}: 23°C

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