



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: 2478909-10
Customer order no: 4500527361
Serial no: U153.27.X-1389-5253

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	0,482	0,482	11,71599	0,000	0,008	0,001	0,03	0,05
1	0 - 2	1,049	1,053	12,41988	0,004	0,031	0,004	0,22	0,19
5	0 - 10	5,034	5,02	12,04137	-0,014	-0,013	-0,008	-0,14	-0,08
25	0 - 50	25,139	25,13	12,04047	-0,009	-0,004	-0,013	-0,02	-0,03
100	0 - 200	106,071	105,9	12,47730	-0,171	-0,008	-0,104	-0,09	-0,05

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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