



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-1411-4776

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	0,475	0,474	11,57847	-0,001	-0,017	-0,001	-0,07	-0,11
1	0 - 2	1,045	1,049	12,39102	0,004	0,034	0,004	0,22	0,21
5	0 - 10	5,084	5,08	12,12286	-0,004	-0,011	-0,007	-0,04	-0,07
25	0 - 50	25,269	25,28	12,08441	0,011	-0,002	-0,005	0,02	-0,01
100	0 - 200	105,871	106,1	12,49678	0,229	0,027	0,339	0,11	0,17

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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