



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-1389-5230, Sensor no: 3900

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	0,483	0,481	11,68193	-0,002	-0,042	-0,003	-0,17	-0,26
1	0 - 2	1,054	1,06	12,46882	0,006	0,040	0,005	0,32	0,25
5	0 - 10	5,044	5,05	12,07882	0,006	0,009	0,005	0,06	0,05
25	0 - 50	25,179	25,28	12,08631	0,101	0,029	0,090	0,20	0,18
100	0 - 200	105,871	106,4	12,50717	0,529	0,037	0,468	0,26	0,23

- 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

81260572, Rev.: 03
2476679-10_11272745_U152.27.X-1389-5230_cond.pdf

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