



Baumer

Passion for Sensors

CERTIFICATE OF CALIBRATION

Inductive Conductivity Transmitter - Temperature

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...150°C

Test equipment:

Digital thermometer no: 297081
Pt100 sensor no: 297081
Keithly 2000 no: 63307

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

Temperature:

The accuracy specified in the datasheet of AFIx within the range -20...150°C is:

- $\pm 1,5^{\circ}\text{C}$
- $\pm 0,3^{\circ}\text{C}$, 20 ... 50 °C

Measurements:

Temperature	True temperature ¹⁾		Measured temperature ²⁾ (display)	Measured current ³⁾ (Current output)	Deviation temperature (Display)	Deviation current (Current output)		Accuracy Display	Accuracy current output
[°C]	[°C] (measured)	mA (calculated)	[°C]	[mA]	[°C]	mA	[°C]	%	%
10	10,27	5,10	10,50	5,120	0,229	0,024	0,23	0,15	0,15
40	40,02	8,27	40,10	8,265	0,076	-0,004	-0,04	0,05	-0,03
80	80,39	12,57	80,30	12,560	-0,086	-0,014	-0,13	-0,06	-0,09

- 1) Temperature measured with Precision Thermo.
- 2) Measured on the display if such is mounted.
- 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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