



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: 2492055-10
Customer order no: 4500529281
Serial no: U202.27.X-1411-4776

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	10,14	5,08	10,30	5,092	0,157	0,010	0,09	0,10	0,06
40	40,03	8,27	40,00	8,246	-0,027	-0,024	-0,22	-0,02	-0,15
80	80,13	12,55	80,10	12,536	-0,029	-0,011	-0,10	-0,02	-0,07

- 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: 13-05-2026

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

T_{amb}: 23°C

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