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:	2474818-20
Customer order no:	4500526851
Serial no:	U134.27.X-1383-8762
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:

- ±1,5°C
- ±0,3°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	10,20	5,094	-0,072	-0,001	-0,01	-0,05	-0,01
40	40,05	8,27	40,20	8,249	0,146	-0,023	-0,22	0,10	-0,14
80	80,39	12,58	80,10	12,543	-0,292	-0,032	-0,30	-0,19	-0,20

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: 26-03-2026 Calibrated by: Le Huynh Huu T_{amb}: 23°C

(Valid without signature / gültig ohne Unterschrift)

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