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:	2540035-30
Customer order no:	4500535264
Serial no:	U364.27.X-1587-2345
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	10,50	5,121	0,233	0,025	0,24	0,16	0,16
40	40,05	8,27	40,10	8,281	0,051	0,009	0,09	0,03	0,06
80	80,40	12,58	80,30	12,572	-0,098	-0,004	-0,04	-0,07	-0,03

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: 08-09-2026 Calibrated by: Le Huynh Huu T_{amb}: 23°C

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