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:	2536896-10
Customer order no:	4500534807
Serial no:	U351.27.X-1581-7097
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	10,30	5,10	10,40	5,106	0,100	0,007	0,07	0,07	0,04
40	40,07	8,27	40,00	8,257	-0,068	-0,017	-0,16	-0,05	-0,11
80	80,45	12,58	80,30	12,535	-0,154	-0,047	-0,44	-0,10	-0,29

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: 27-08-2026 Calibrated by: Le Huynh Huu T_{amb}: 23°C

(Valid without signature / gültig ohne Unterschrift)

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