Baumer

Passion for Sensors

CERTIFICATE OF CALIBRATION

Inductive Conductivity Transmitter - Temperature

Customer:	ECOLAB Engineering GmbH Raiffeisenstraße 7 83313 Siegsdorf, Deutschland
Type no:	AFI5-AD32.40$6.1313/9316_8179_Q003
Material no:	11271178
Baumer order no:	2549712-10
Customer order no:	4500536401
Serial no:	U411.27.X-1598-8447, Sensor no: 4034
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	10,15	5,08	10,10	5,067	-0,053	-0,016	-0,15	-0,04	-0,10
40	40,04	8,27	40,10	8,255	0,058	-0,016	-0,15	0,04	-0,10
80	80,46	12,58	80,20	12,549	-0,263	-0,033	-0,31	-0,18	-0,21

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: 07-10-2026 Calibrated by: Le Huynh Huu T_{amb}: 23°C

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