Baumer

Passion for Sensors

# CERTIFICATE OF CALIBRATION

**Inductive Conductivity Transmitter - Temperature**

| | |
|---|---|
| Customer: | ECOLAB Engineering GmbH<br>Raiffeisenstraße 7<br>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-1598-8451, Sensor no: 4038 |
| 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 | 10,11 | 5,08 | 10,00 | 5,058 | -0,108 | -0,020 | -0,19 | -0,07 | -0,13 |
| 40 | 40,05 | 8,27 | 40,00 | 8,245 | -0,055 | -0,027 | -0,26 | -0,04 | -0,17 |
| 80 | 80,43 | 12,58 | 80,20 | 12,546 | -0,235 | -0,034 | -0,32 | -0,16 | -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

(Valid without signature / gültig ohne Unterschrift)



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