



# CERTIFICATE OF CALIBRATION

## Inductive Conductivity Transmitter - Temperature

Customer: ECOLAB Engineering GmbH  
Raiffeisenstraße 7  
83313 Siegsdorf, Deutschland

Type no: AFI5-AD32.40\$6.1113/9316\_8179\_Q003  
Material no: 11272745  
Baumer order no: 2476679-10  
Customer order no: 4500527040  
Serial no: U153.27.X-1389-5230, Sensor no: 3900

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:

- $\pm 1,5^{\circ}\text{C}$
- $\pm 0,3^{\circ}\text{C}$ , 20 ... 50 °C

### Measurements:

| Temperature | True temperature <sup>1)</sup> |                    | Measured temperature <sup>2)</sup><br>(display) | Measured current <sup>3)</sup><br>(Current output) | Deviation temperature<br>(Display) | Deviation current<br>(Current output) |       | Accuracy Display | Accuracy current output |
|-------------|--------------------------------|--------------------|-------------------------------------------------|----------------------------------------------------|------------------------------------|---------------------------------------|-------|------------------|-------------------------|
| [°C]        | [°C]<br>(measured)             | mA<br>(calculated) | [°C]                                            | [mA]                                               | [°C]                               | mA                                    | [°C]  | %                | %                       |
| 10          | 10,34                          | 5,10               | 10,60                                           | 5,130                                              | 0,257                              | 0,026                                 | 0,25  | 0,17             | 0,16                    |
| 40          | 40,02                          | 8,27               | 40,00                                           | 8,276                                              | -0,019                             | 0,008                                 | 0,07  | -0,01            | 0,05                    |
| 80          | 80,35                          | 12,57              | 80,30                                           | 12,566                                             | -0,055                             | -0,005                                | -0,04 | -0,04            | -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: 13-04-2026

Calibrated by: Le Huynh Huu  
(Valid without signature / gültig ohne Unterschrift)

T<sub>amb</sub>: 23°C

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