FACTORY CALIBRATION CERTIFICATE

Certificate No. FAXXXXXX-XXXX | 13.08.2018 | schag

S+S REGELTECHNIK

FÜHLBARE PRÄZISION®

1. Calibration object

The calibration object temperature sensor **THERM**ASGARD **4132**
is a measuring transducer for the measurement of temperature.
Technical data as shown in the pertinent operating, mounting & installation instructions.

2. Type

RTM1-I I 1101-41A2-0000-200

3. Measuring range

0°C...+50 °C

4. Serial No.:

FAXXXXXX-XXXX

5. Order Confirmation No.:

XXXXXXXX

6. Customer

Company name
Street
Postcode / town
country code

7. Calibration method

Calibration was performed by comparison of data shown by the calibration object with the manufacturer's operational standards.
The measurement standards used are based on recognized national measurement standards.
Measurement standards used: VAISALA MI70+HMP 77, F1350003, calibrated till July/2016

8. Place of calibration

Calibration was performed in the test bay.

9. Ambient conditions

Temperature: **22 °C** (± 2 K); humidity: **50% r.H.** (± 20 %); Pressure: **950 mbar** (± 10 mbar)

10. Measurement results

Calibration Point	**Climate**	Calibration Object	
	Calibration Parameter	Setpoint	Actual Value
1	**Temperature:**	+10,00°C	+10,07°C
	Output:	7,20 mA	7,16 mA
2	**Temperature:**	+30,00°C	+29,73°C
	Output:	13,60 mA	13,58 mA

The deviations do not exceed the tolerances from final values specified for this device.

0099 07/2010

MADE IN GERMANY

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11. Measurement conditions

Prior to calibration, it was assured that measured values are plausible.
The actual values of the calibration object relate to the resistance values of the output.
Calibration was performed after the required dwell period of steady conditions.

12. Measurement uncertainty

Indicated is the extended measurement uncertainty, which is resulting from the standard measurement uncertainty
by multiplication with the extension factor K = 2.
The value of the measurand lies with a probability 95 % within the dedicated value interval.
An allotment for long-term stability is not included here.

13. Certified according to DIN ISO 9001:2008

Certification register No.: TIC 15 100 21333

14. Date of calibration 13.08.2018

Date of recalibration 13.08.2019

15. Tester

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