

T-Logg - The logger series for stand-alone applications

TEMPERATURE-LOGGER

for individual programming of recording time



T-Logg 100 E

T-Logg 100

TEMPERATURE-REGISTRATION
(16.000 meas. values) for any application

T-Logg 100

T-Logg 100 E NEW

Starter kit

T-Logg 100 SET

Complete set: T-Logg 100 + USB 100 (incl. MINISOFT)

Specification

Measuring range:

T-Logg 100: -25,0 ... 60,0 °C

T-Logg 100 E: -25,0 ... 120,0 °C

Resolution: 0,1 °C

Accuracy (at nominal temperature = 25°C):

T-Logg 100: ±0,5 °C

T-Logg 100 E: ±0.2 of meas. value ±0.5 °C

Sensor:

T-Logg 100: integrated in device
T-Logg 100 E: sensor tube made of stainless steel, Ø5 mm, approx. 50 mm long, approx. 1 m silicone cable. Cable with anti-buckling glanding to housing.

Display:

LCD-display, 10 mm high

Recording interval: from 2 sec. to 5 h

free programmable via software

Storage capacity: 16.000 measuring values

Recording time: 166 days (if interval is 15 min.)

Working temperature: -25 to +60 °C

Storage temperature: -30 to +85 °C

Battery: CR2032, exchangeable

Battery service life: over 3 years

(if recording interval is 15 min.)

Interface:

serial interface, 3-pin miniature integral plug.

The T-Logg 100 is not suitable for bus operation and is not E.A.S.Y.Bus compatible!

Housing:

48,5 x 48,5 x 35,5 mm (H x W x D). plugs, sensor connection, ... are not included

Housing made of shock resistant plastic, transparent front made of polycarbonate, splash water-proof: IP 65.

Noise immunity (EMC): the T-Logg 100 have been manufactured in accordance with the regulations concerning EMC (2004/108/EG).

The device meets EN61326 (appendix A, class B), additional error: < 0,5% (< 1% at T-Logg 100 E)

STANDARD SIGNAL LOGGER

for individual programming of recording time



T-Logg 120 K

T-Logg 120 W

STANDARD SIGNAL REGISTRATION
(16.000 meas. values) for transducers etc.

T-Logg 120 W - ...

(with elbow type plug)

T-Logg 120 K - ...

(with PG glanding and cable)

Note: *please specify standard signal desired when ordering*

Specification

Display range: -1999 ... 9999 digit
freely programmable

Decimal point any position

Input signal: *only one signal!*

0 - 1 V, 0 - 2 V, 0 - 10 V, 0 - 20 mA or 4 - 20 mA

other input signals upon request

(input is not isolated from interface)

Accuracy: ±0,5 % FS (at nom. temperature)

Display : 10 mm high LCD-display

Recording interval: from 2 sec. to 5 h

freely programmable via software

Storage capacity: 16.000 measuring values

Recording time: 166 days

(if interval is 15 min.)

Nominal temperature: 25 °C

Working temperature: -25 to +60 °C

Storage temperature: -30 to +85 °C

Battery: CR2032, exchangeable

Battery service life: over 3 years

(if recording interval is 15 min.)

HUMIDITY-/TEMPERATURE-LOGGER

for individual programming of recording time



HUMIDITY- / TEMPERATURE-REGISTRATION
(16.000 meas. values) for any application

T-Logg 160

Starter kit

T-Logg 160 SET

Complete set with T-Logg 100 and interface converter USB 100 (incl. MINISOFT)

Specification

Measuring ranges, display ranges:

Humidity: 0.0 ... 100.0 %RH

Temperature: -25.0 ... 60.0 °C

Resolution: 0.1 °C / 0.1 %RH

Accuracy (at nominal temperature = 25°C):

Humidity: ≤ ±3 % in range 10 - 90 %

Temperature: ±0,3 °C ± 0.017 * (T - 25°C)

Sensors: mounted in sensor tube

Sensor tube: approx. Ø15 mm made of polyamide with screw-type plastic protection cap

Display: 10 mm high LCD-display

Recording interval: from 4 sec. to 5 h

freely programmable via software

Storage capacity: 16.000 measuring values each

Recording time: 166 days

(if interval is 15 min.)

Nominal temperature: 25 °C

Working temperature: -25 to +60 °C

Storage temperature: -30 to +85 °C

Battery: CR2032, exchangeable

Battery service life: over 3 years

(if recording interval is 15 min.)

Software

MINISOFT **free of charge**
Read-out software for the T-Logg.

Software is contained at the USB 100 or free available via the internet (www.greisinger.de). We will be pleased to send you a separate CD against a small charge covering our expenses of € 15,40.

Note: *the T-Logg can also be controlled by the software GSOF40K.*

Accessories

USB 100 interface converter, for direct connection of one T-Logg to the USB-interface of a PC.

GWH 40K Wall suspension with lock against theft (picture: see page 64) suitable for e.g. T-Logg 100, T-Logg 120 K - ... and T-Logg 160.

GWH 10 Simple wall suspension, made of stainless steel (picture: see page 64) Mount wall suspension at the monitoring point, logger may now be easily put in.