

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

TEMPERATURE-LOGGER
for individual programming of
recording time



TEMPERATURE DATA LOGGER
(16.000 meas. values) for any application

T-Logg 100
T-Logg 100 E

Starter kit

T-Logg 100 SET

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

Specification

Measuring range:

T-Logg 100: -30,0 ... 60,0 °C

T-Logg 100 E: -30,0 ... 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: -30 to +60 °C

Storage temperature: -40 to +85 °C

Battery: CR2032, exchangeable

Battery service life: over 3 years
(if recording interval is 15 min.)

Approvals: DIN EN 12830

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 (excl. protection cap at T-Logg 160).

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

The device meets EN 61326-1 (table 2, class B), additional error: < 0,5% (< 1% at T-Logg 100 E)

STANDARD SIGNAL LOGGER
for individual programming of
recording time



STANDARD SIGNAL DATA LOGGER
(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 (i.e.: T-Logg 120 K - 0-1V)

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.)

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.)

Electric connection: (for input signals)

... **120 W - ...** elbow-plug in accordance with
EN 175301-803/A for connection
to an existing transmitter.

... **120 K - ...** approx. 0.5 m connection cable

HUMIDITY-/TEMPERATURE-LOGGER
for individual programming of
recording time



**HUMIDITY / TEMPERATURE
DATA LOGGER**
(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.

*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 93)
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 93)
Mount wall suspension at the monitoring point, logger may now be easily put in.

CR 2032 spare battery for T-logg's