

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

## STANDARD SIGNAL LOGGER

for individual programming of recording time



T-Logg 120 K

T-Logg 120 W

## 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

<b>Display range:</b>	-1999 ... 9999 digit <i>freely programmable</i>
<b>Decimal point</b>	any position
<b>Input signal: <i>only one signal!</i></b>	0 - 1 V, 0 - 2 V, 0 - 10 V, 0 - 20 mA or 4 - 20 mA other input signals upon request <i>(input is not isolated from interface)</i>
<b>Accuracy:</b>	±0,5 % FS (at nom. temperature)
<b>Display :</b>	10 mm high LCD-display
<b>Recording interval:</b>	from 2 sec. to 5 h <i>freely programmable via software</i>
<b>Storage capacity:</b>	16.000 measuring values
<b>Recording time:</b>	166 days (if interval is 15 min.)
<b>Working temperature:</b>	-25 to +60 °C
<b>Storage temperature:</b>	-30 to +85 °C
<b>Battery:</b>	CR2032, exchangeable
<b>Battery service life:</b>	over 3 years (if recording interval is 15 min.)
<b>Electric connection: (for input signals)</b>	... <b>120 W</b> - ...: elbow-plug in accordance with EN 175301-803/A for connection to an existing transmitter. ... <b>120 K</b> - ...: 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

<b>Measuring ranges, display ranges:</b>	
<b>Humidity:</b>	0.0 ... 100.0 %RH
<b>Temperature:</b>	-25.0 ... 60.0 °C
<b>Resolution:</b>	0.1 °C / 0.1 %RH
<b>Accuracy (at nominal temperature = 25°C):</b>	
<b>Humidity:</b>	≤ ±3 % in range 10 - 90 %
<b>Temperature:</b>	± 0,3 °C ± 0.017 * (T - 25°C)
<b>Sensors:</b>	mounted in sensor tube
<b>Sensor tube:</b>	approx. Ø15 mm made of polyamide with screw-type plastic protection cap
<b>Display:</b>	10 mm high LCD-display
<b>Recording interval:</b>	from 4 sec. to 5 h <i>freely programmable via software</i>
<b>Storage capacity:</b>	16.000 measuring values each
<b>Recording time:</b>	166 days (if interval is 15 min.)
<b>Nominal temperature:</b>	25 °C
<b>Working temperature:</b>	-25 to +60 °C
<b>Storage temperature:</b>	-30 to +85 °C
<b>Battery:</b>	CR2032, exchangeable
<b>Battery service life:</b>	over 3 years (if recording interval is 15 min.)

<b>Interface:</b>	serial interface, 3-pin miniature integral plug. <i>The T-Logg 100 is not suitable for bus operation and is not E.A.S.Y.Bus compatible!</i>
<b>Housing:</b>	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).
<b>Noise immunity (EMC):</b>	the <b>T-Logg 100</b> 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)

#### Software

##### MINISOFT

Read-out software for the T-Logg.

Software is contained at the USB 100 or free available via the internet ([www.greisinger.de](http://www.greisinger.de)). We will be pleased to send you a separate CD against a small charge covering our expenses of € 16,00.

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

#### Accessories

<b>USB 100</b>	interface converter, for direct connection of one T-Logg to the USB-interface of a PC.
<b>GWH 40K</b>	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.
<b>GWH 10</b>	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.
<b>CR 2032</b>	spare battery for T-logg's