

TEMPERATURE-LOGGER

for individual programming of recording time



TEMPERATURE-REGISTRATION
(16000 meas. values) for any application

MINILOG

(incl. connection cable EBSK01 for level converter)

Specification:

Meas. range: -25.0 ... 60.0°C

Display resolution: 0.1°C

Memory resolution: 0.1°C

Accuracy: ±0.5°C (at nominal temperature = 25°C)

Sensor: Pt1000 (integrated in device)

Display: LCD-display, 10 mm high

Recording rate: programmable as to your wishes from 2 sec to 5 h

Recording time: 166 days
(if recording rate is 15 min)

Storage capacity for meas. values:
16000 measuring values

Nominal temperature: 25°C

Working temperature: -25 to +60°C

Storage temperature: -30 to +85°C

Battery service life: approx. 6 years (if recording rate is 15 min. Double life against upcharge)

Interface: EASYbus-interface
3-pin miniature integral plug.

The Minilog is not suitable for bus operation!

Housing: 48.5 x 48.5 x 35.5 mm (H x W x D), plug not included

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

Noise immunity (EMC): the **MINILOG** have been manufactured in accordance with the regulations concerning EMC (2004/108/EG). The device meets EN50081-1 and EN50082-1 additional error: < 0,5%

Options (for extra charge):

- **DBK: double battery life**
recommended for high measure-rates

Accessories:

MINISOFT

Read-out software for the **MINILOG** (not included in scope of supply!). Software free available via the Internet (www.greisinger.de).

(We will be pleased to send you a disk against a small charge covering our expenses)

*Note: the **MINILOG** can also be controlled by the software GSOFT40K.*

TEMPERATURE LOGGER

for watching production and server-rooms as well as cooling chambers according assignation of frozen food 92/1/EWG



EASYLOG 40K



EASYLOG 40KH

TEMPERATURE REGISTRATION
(48.000 meas. values) for any application

EASYLOG 40K

EASYLOG 40KH

EASYLOG 40KH-E300

EASYLOG 40KH-E600

Certificate of calibration -20/0/+60°C

Specification:

Measuring ranges:

EASYLOG 40K: -25,0 ... 60,0°C

EASYLOG 40KH: -50,0 ... 150,0°C

EASYLOG 40KH-E300: -50,0 ... 300,0°C

EASYLOG 40KH-E600: 0 ... 600°C

For special meas. ranges refer to options

Resolution display and memory:

0.1°C resp. 1°C (corresponding type)

Working range (electronic): -25 ... 60°C

Accuracy (at nominal temperature = 25°C):

EASYLOG 40K: ±0.5°C

EASYLOG 40KH: ±0.5°C

EASYLOG 40KH-E300: ±0.5°C ±0.2% of m.v.

EASYLOG 40KH-E600: ±1°C ±0.2% of m.v.

Sensor: Pt1000 (2-wire)

- **Design 40K:** (refer picture)
sensor tube made of plastic, Ø7mm, approx. 30mm long, attached on the device
(*Note: at certificate: stainless steel tube, Ø5mm, ca. 60mm long*)

- **Design 40KH:** (refer picture)
sensor tube made of stainless steel, Ø5mm, approx. 50mm long, approx. 1m silicone cable. Cable with anti-buckling glanding to housing.

- **Design 40KH-E300:** (without picture)
sensor tube made of stainless steel, Ø3mm, approx. 100mm long, sleeve Ø5 x 50mm, approx. 1m glas silk cable. Cable with anti-buckling glanding to housing.

- **Design 40KH-E600:** (without picture)
sensor tube made of stainless steel, Ø3mm, approx. 100mm long, sleeve Ø5 x 50mm, flexible coating-element, approx. 1m silicone cable. Cable with anti-buckling glanding to housing.

- **Special design types upon request**

Note for all loggers:

we suggest double battery capacity when working with fast recording rates.

Display: 10 mm high LCD-display

Recording rate: 2 sec. to 5 h
programmable with software GSOFT 40K

Storage capacity for meas. values:
48.000 measuring values

Rec. time: 500 days (if rec. rate is 15 min)

Working temp. (electronics) : -25 to +60°C

Storage temperature: -30 to +70°C

Battery service life: approx. 6 years (if recording rate is 15 min.) Double life against upcharge

Interface: EASYbus-interface, 3 pin mini-integral plug.

Needed connection-cable EBSK01 not included in delivery (see accessories page 67)
Note: With an according interface converter you can connect 150 logger to one RS232-interface without having any problems.

Housing: 48,5 x 48,5 x 35,5 mm (H x W x D) sensor and plug not included. IP65

Noise immunity (EMC): the **EASYLOG** have been manufactured in accordance with the regulations concerning EMC (2004/108/EG). The device meets EN50081-1 and EN50082-1 additional error: <0.5%

Options (for extra charge):

- **DBK: double battery life**
recommended for high measure-rates

- **ALARM: additional alarm-output**
open-collector output via 4-pole miniature mounting connector (IP65) including 1m cable. Max. switching power: 28V, 50mA

- **AFK: plugable probe-cable**
4-pole (IP65) miniature mounting connector including assembling of the temperature-probe to the corresponding connection socket.

- **SMB: extra measuring range**
freely selectable between -200...+600°C. The essential probe-adjustment is not included in this price.
Note: at a measuring span ≤400°C (e.g. ±200°C) a resolution of 0,1°C is possible. Taller ranges have a resolution of 1°C

Accessories: (p.r.t. page 67)

EBW1

Level converter for connection of up to 9 data logger to the RS232-interface of a PC (Power supply: 230V/50Hz)

GSOFT 40K incl. EBSK01

(connection cable EBSK01 in scope of supply)
Windows software for setting of device, data readout and printing of the stored data (diagram or table).
(for further discription p.r.t. page 64)