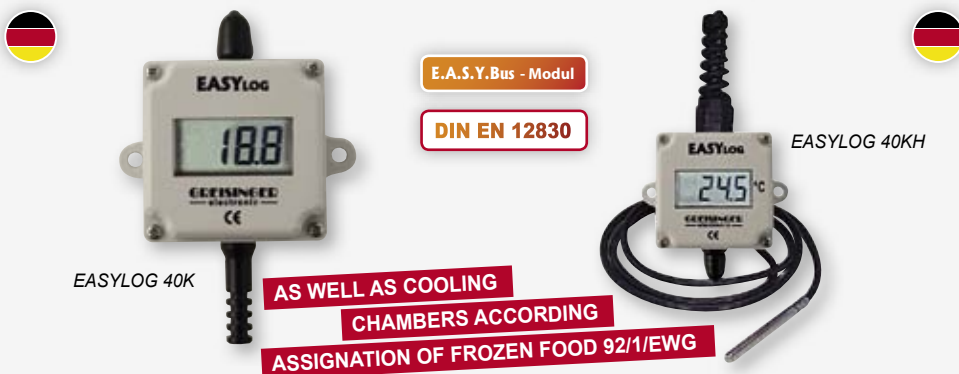


Temperature Logger for watching production and server-rooms



EASYLOG 40K

Temperature Data Logger (48.000 meas. values) for any application, sensor tube are attached on the device

EASYLOG 40KH

Temperature Data Logger (48.000 meas. values) for any application, sensor tube are connected via 1 m cable

EASYLOG 40KH-E300

Temperature Data Logger (48.000 meas. values) for any application, tube connected via cable, increased measuring range (0.1 °C)

EASYLOG 40KH-E600

Temperature Data Logger (48.000 meas. values) for any application, tube connected via cable, increased measuring range (1 °C)

EASYLOG 40KH-GOF

Temperature Data Logger (48.000 meas. values) for any application., with surface probe for pipe mounting

Specification:	
Measuring ranges:	
EASYlog 40K:	-30.0 ... 60.0 °C
EASYlog 40KH:	-50.0 ... 150.0 °C
EASYlog 40KH-E300:	-50.0 ... 300.0 °C
EASYlog 40KH-E600:	0 ... 600 °C
EASYlog 40KH-GOF:	-50.0 ... 150.0 °C
For special measuring ranges refer to options	
Working range (electronic):	-30 ... +60 °C
Resolution display and memory:	0.1 °C or 1 °C (corresponding type)
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.
EASYlog 40KH-GOF:	±0.5 °C ±0.2 % of m.v.
Sensor:	Pt1000 (2-wire)
- Design 40K: (refer upper picture)	sensor tube made of plastic, Ø 7 mm, approx. 30 mm long, attached on the device. (Note: at certificate: stainless steel tube, Ø 5 mm, approx. 60 mm long)
- Design 40KH: (refer upper picture)	sensor tube made of stainless steel, Ø 5 mm, approx. 50 mm long, approx. 1 m silicone cable. Cable with anti-buckling glanding to housing.
- Design 40KH-E300: (without picture)	sensor tube made of stainless steel, Ø 3 mm, approx. 100 mm long, sleeve Ø 5 x 50 mm, approx. 1 m glass silk cable. Cable with anti-buckling glanding to housing.
- Design 40KH-E600: (without picture)	sensor tube made of stainless steel, Ø 3 mm, approx. 100 mm long, sleeve Ø 5 x 50 mm, flexible coating-element, approx. 1 m silicone cable. Cable with anti-buckling glanding to housing.
- Design 40KH-GOF: (without picture)	self-adhesive surface temperature probe with moulded silicone design (type GOF 115 Pt1000 - please refer to page 138), approx. 2 m PFA-insulated cable. Cable with anti-buckling glanding to housing.
Special design types upon request	
Display:	10 mm high LCD-display
Recording interval:	2 s ... 5 h, free programmable via software GSOFT 40K

Storage capacity:	48.000 measuring values
Recording time:	500 days, (if recording interval is 15 min.)
Battery service life:	approx. 6 years (if recording interval is 15 min.)
Working temperature (electronic):	-30 ... +60 °C
Storage temperature:	-40 ... +70 °C
Interface:	EASYBus-interface, 3-pin mini-integral plug. Needed connection-cable EBSK01 not included in delivery (see accessories page 99) Note: With an according interface converter you can connect 120 logger without having any problems.
Housing:	48.5 x 48.5 x 35.5 mm (W 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 EN 61326-1 (table 2, class B) additional error: < 0.5 %
Approvals:	DIN EN 12830

Options:

- **DBK:** double battery capacity recommended for high measurerates
- **ALARM:** additional alarm-output open-collector output via 4-pole miniature mounting connector (IP65) including 1 m cable. Max. switching power: 28 V, 50 mA
- **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
- **WPT3** Certificate of calibration (not available at ...40KH-GOF) (measuring points: -20 °C / 0 °C / +60 °C (at ...40K) or -20 °C / 0 °C / +70 °C (at ...40KH))

Pulse-Logger

FOR CONSUMPTION AND
FLOW RATE MEASURING,
PIECE COUNTING ETC.

E.A.S.Y.Bus - Modul



EASYLOG 40IMP/S

Pulse Data Logger (48000 measuring values) for individual use (type switching contact - with PG-glanding and cable)

EASYLOG 40IMP/T

Pulse Data Logger (48000 measuring values) for individual use (type TTL-signal - with PG-glanding and cable)

Specification:	
Measuring range:	0 ... 30000 pulses/cycle
Resolution:	1 pulse
Cycle:	2 s ... 5 h, free programmable via software GSOFT 40K
Display range:	-1999 ... 9999 digit free programmable
Decimal point:	any position
Input signals:	EASYlog 40IMP/S: passive volt-free switching contact EASYlog 40IMP/T: active TTL-signal
(input is not isolated for EASYBus)	
Resolution display and memory:	1 digit
Accuracy:	cycle time ±50 ms
Display:	10 mm high LCD-display
Recording interval:	equal to cycle
Storage capacity:	48.000 measuring values
Recording time:	500 days, (if recording interval is 15 min.)
Battery service life:	approx. 6 years (without switching current, at 15 min)
Working temperature:	-25 ... +60 °C
Storage temperature:	-30 ... +70 °C
Interface:	EASYBus-interface, 3-pin mini-integral plug. Needed connection-cable EBSK01 not included in delivery (see accessories page 99)
Housing:	48.5 x 48.5 x 35.5 mm (L x W x D) plug and cable not included, IP65
Electric connection:	(for input signals) approx. 0.5 m connection cable, flying leads
Noise immunity (EMC):	the EASYlog 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 %

Options:

- **DBK:** double battery capacity recommended for high measure-rates
- **ALARM:** additional alarm-output, open-collector output via 4-pole miniature mounting connector (IP65) including 1 m cable. Max. switching power: 28 V, 50 mA