

PULSE-LOGGER

for consumption and flow rate measuring, piece counting etc.



PULSE REGISTRATION

(48000 meas. values) for individual use

EASYLog 40IMP/S

(type switching contact - with PG-glanding a. cable)

EASYLog 40IMP/T

(type TTL-signal - with PG-glanding and cable)

Specification:

Meas. range: 0 to 30000 pulses/cycle

Resolution: 1 pulse

Cycle: 2sec. to 5h, freely programmable

Display range: -1999 to 9999 digits programmable

Decimal point: any place

Input signal: passive volt-free switching contact (**EASYLog 40IMP/S**) or active TTL-signal (**EASYLog 40IMP/T**)
(input is not isolated for **EASYbus**)

Display resolution: 1 digit

Memory resolution: 1 digit

Accuracy: cycle time ± 50 msec.

Display: LCD-display, 10 mm high

Recording rate: corr. to cycle

Recording time:

500 days (if recording rate is 15 min)

Storage capacity for meas. values: 48000 measuring values

Working temperature: -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 mini-integral plug.

Needed connection-cable **EBSK01** not included in delivery (see accessories page 67)

Housing: 48.5 x 48.5 x 35.5 mm (HxWxD), plug and cable not included. IP 65

Electric connection: (for input signals) approx. 0.5 m connection cable

Noise immunity (EMC): the **EASYLog 40IMP..** 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:

- **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

STATE-LOGGER

for state monitoring etc.



STATE REGISTRATION

(48000 meas. values) for individual use

EASYLog 40 BIN

Specification:

Input signal:

passive volt-free switching contact
(input is not isolated for **EASYbus**)

Measuring value:

1 = contact is closed (R < 50 Ohm)

0 = contact is open (R > 20 kOhm)

Cycle time: 2sec. to 5h, freely selectable

Display resolution: 1 digit

Memory resolution: 1 digit

Aufzeichnungsrate: entspricht Zyklus

Display: LCD-display, 10 mm high

Recording rate: 4sec to 5h (selectable)

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

Storage capacity for meas. values: 48.000 measuring values

Working temperature: -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 mini-integral plug.

Needed connection-cable **EBSK01** not included in delivery (see accessories page 67)

Housing: 48.5 x 48.5 x 35.5 mm (HxWxD), plug and cable not included. IP 65

Electric connection: (for input signals) approx. 0.5 m connection cable

Noise immunity (EMC): the **EASYLog 40BIN** 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:

- **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

Required accessories:

Interface converter:

EBW1

Interface converter for connection of max. 9 **EASYbus** modules (**EASYLog**, **EBN**, **EBT** etc.) to the RS232-interface of a PC.

Power supply: 230V/50Hz

The converter supplies the logger during the data-transmission in order to save the internal logger-battery.



EBW2

Interface converter with battery supply for connection of one **EASYLog** to the RS232-interface of a PC.

Power supply: 9V-battery

Software (to read-out the logger):

GSOFT 40K incl. EBSK01

Windows software for setting of device, data reading and printing of the data stored (diagram or table).

(for further discription p.r.t. page 64)

Additional accessories:

GWH 40K



Wall-type mounting with lock as protection from theft. Dimensions plate: approx. 70 x 70 mm (cannot be used together with **EASYLog 40NS W**).

picture shows **GWH40K** with **EASYLog 40K**

GWH 10

Wall-type mounting for simple suspension of **EASYLog** or **MINIlog**.

(cannot be used with **EASYLog 40NS W**).

ESK-1

External starting key for the start of the logger in the starting mode: St.Et.

EBSK 01

Special connector with approx. 1m cable for the connection of one **EASYLog**. (in scope of supply of the software **GSOFT 40K**)

VSL 2P

twisted special cable for **EASYbus**-system, cross section 2 x 0.75 mm²

EBS 9M

Windows-software for recording and archiving of max. 9 sensor modules
(for further description please refer to page 36)

GNR 232 A

Relay module (230V) for top-hat rail (p.r.t. p. 67) for the connection of the switching output of a **EASYLog** with alarm output.
(for further relay modules refer to page 53)