

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 and cable)

EASYLog 40IMP/T

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

Specification

Measuring range: 0 ... 30000 pulses/cycle
Resolution: 1 pulse
Cycle: 2 sec. to 5 h,
free programmable via software GSOFT 40K
Display range: -1999 to 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 msec
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)
double battery capacity against upcharge available!
Working temperature: -25 to +60°C
Storage temperature: -30 to +70°C
Interface: **EASYbus**-interface
 3-pin mini-integral plug.
 Needed connection-cable EBSK01 not included in delivery (see accessories page 71)
Housing: 48,5 x 48,5 x 35,5 mm (L x B x H)
 plug and cable not included, IP65
Electric connection: (for input signals)
 approx.. 0.5m 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 EN50081-1 and EN50082-1 additional error: < 0,5%

Options (for extra charge)

- **DBK:** double battery capacity 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

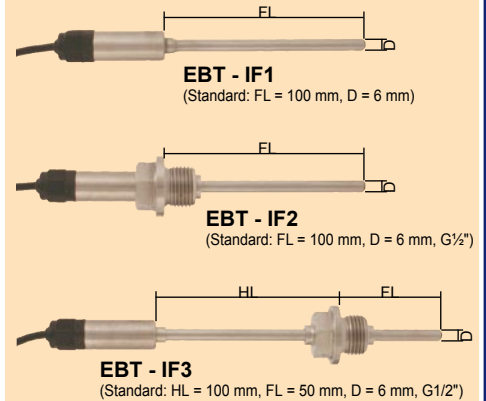
Specification

Input signal: passive volt-free switching contact
(input is not isolated for EASYBUS)
Measuring values:
 1 = contact is closed (R < 50 Ohm)
 0 = contact is open (R > 20 kOhm)
Cycle: 2 sec. to 5 h,
free programmable via software GSOFT 40K
Resolution display and memory: 1 digit
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)
double battery capacity against upcharge available!
Working temperature: -25 to +60°C
Storage temperature: -30 to +70°C
Interface: **EASYbus**-interface
 3-pin mini-integral plug.
 Needed connection-cable EBSK01 not included in delivery (see accessories page 71)
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 (L x B x H)
 plug and cable not included, IP65
Electric connection: (for input signals)
 approx.. 0.5m 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 EN50081-1 and EN50082-1 additional error: < 0,5%

Options (for extra charge)

- **DBK:** double battery capacity 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

EASYbus - sensor modules for temperature



EBT - IF1

EBT - IF2

EBT - IF3

Specification

Meas. range: *The probe length FL has to be chosen long enough, that the allowable temperature range of the electronics situated in the tube sleeve is not exceeded.*
EBT - IF1 (standard): - 30,0 ... +100,0 °C
EBT - IF2 (standard): - 30,0 ... +100,0 °C
EBT - IF3 (standard): - 70,0 ... +400,0 °C
other measuring ranges (max. -200 ... +500°C) upon request
Meas. probe: internal Pt1000-sensor
Accuracy: (at nominal temperature = 25°C)
Electronic: $\pm 0,2\%$ of meas. value $\pm 0,2^\circ\text{C}$
Probe: standard: DIN class B
optionally higher sensor accuracy available!
Interface: **EASYbus**-interface
 attached 2-pole cable, cable-length approx. 1m.
 For direct connection to a converter or to the **EASYbus**.
Operating ambient of electronics (in tube sleeve):
Working temperature: -25 to 70°C
Relative air humidity: 0 to 100 %RH
Housing: stainless steel housing
Dimensions: depending on sensor construction
tube sleeve: $\varnothing 15 \times 35$ mm (without screwing)
tube length FL: 100 or 50 mm
or on customer requirement
tube diameter D: $\varnothing 6$ mm *or on customer requirement*
 (available \varnothing : 4, 5, 6 and 8 mm)
collar tube length HL: 100 mm *or on customer requirement*
thread: G1/2" *or on customer requirement*
 (available threads M8x1, M10x1, M14x1.5, G1/8", G1/4", G3/8", G3/4")
Min-/max-value memory: the min-/max-value will be stored
Adjusting: via interface by means of offset and scale values

Options (for extra charge)

- **FL=...:** longer sensor tube, each started further 100 mm
- **HL=...:** longer collar tube, each started further 100 mm
- **D=...:** other tube diameter
- **G=...:** other thread upon request