

**АНАЛИЗАТОРЫ ДАННЫХ  
EASY LOG 24RFT, 24RFT-E,  
EASY LOG 40NS-W, EASY LOG 40NS-K**

**ТЕХНИЧЕСКИЕ ХАРАКТЕРИСТИКИ**

По вопросам продаж и поддержки обращайтесь:

Архангельск (8182)63-90-72	Калининград (4012)72-03-81	Нижний Новгород (831)429-08-12	Смоленск (4812)29-41-54
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Ижевск (3412)26-03-58	Мурманск (8152)59-64-93	Санкт-Петербург (812)309-46-40	Череповец (8202)49-02-64
Казань (843)206-01-48	Набережные Челны (8552)20-53-41	Саратов (845)249-38-78	Ярославль (4852)69-52-93

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## HUMIDITY-/TEMPERATURE-LOGGER

for museums, greenhouses, medicine technology etc.

E.A.S.Y. Bus  
- Modul



E.A.S.Y. Bus  
- Modul



**EASYLog 24RFT**

**EASYLog 24RFT-E**

**HUMIDITY / TEMPERATURE DATA LOGGER**  
(48.000 measuring values each) for climate monitoring.

## EASYLOG 24RFT

## EASYLOG 24RFT-E

WPF4 - Certificate of calibration humidity (measuring points: approx. 20/40/60/80%)

### Specification

#### Measuring range, Display ranges:

**Humidity:** 0,0 ... 100,0 %RH  
**Temperature:** -25,0 ... 60,0 °C

#### Resolution display and memory:

0.1 °C and 0,1 %RH

#### Accuracy (at nominal temperature = 25°C):

**Humidity:** ≤ ±3 % in range 11-90%  
**Temperature:** ±0,5°C

#### Sensors:

high-quality capacitive polymer humidity sensor and Pt1000 temperature sensor

#### Sensor tube:

**EASYLog 24RFT:** Ø15mm made of polyamide  
**EASYLog 24RFT-E:** approx. Ø14 x 68mm made of PVDF, connected to logger via 1m teflon cable

#### Protection cap:

screw-type plastic protection cap for quick responses

#### Display:

LCD-display, 10 mm high

#### Recording interval:

4 sec. to 5 h  
*free programmable via software GSOFT 40K*

#### Storage capacity:

48.000 measuring values each channel

#### Recording time:

500 days,  
(if recording interval is 15 min.)

#### Battery service life:

approx. 6 years (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 93)

*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 (H x W x D) sensor and plug not included. Housing made of shock resistant plastic, transparent front made of polycarbonate, splash water-proof: IP 65 (excl. protection cap)

**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 (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

### Accessories (p.r.t. page 76, 78/79)

#### EBW 1

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

#### EBW 3

Level converter for connection of one EASYBus data logger to the USB-interface of a PC. (Power supply: via USB)

#### 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.  
*(for further description p.r.t. page 90)*

#### EBSK 01

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

## STANDARD SIGNAL LOGGER

replaces for expensive recorders

E.A.S.Y. Bus  
- Modul



**EASYLog 40NS W**

**STANDARD SIGNAL DATA LOGGER**  
(48.000 meas. values) for transducers etc.

**EASYLog 40NS W - ...**  
(with elbow type plug)

**EASYLog 40NS K - ...**  
(with PG glanding and cable)

**Note:** *please specify standard signal desired when ordering*

### Specification

#### Display range:

-1999 to 9999 Digit  
*free programmable*

#### Decimal point:

any position

#### Input signals: **one signal only!**

0 - 2 V, 0 - 10 V, 0 - 20 mA or 4 - 20 mA  
other input signals upon request  
*(input is not isolated for EASYBus)*

#### Accuracy:

±0,5% (at nom. temperature)

#### Display:

10 mm high LCD-display

#### Recording interval:

2 sec. to 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 (at 15 min)

#### 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 93)

#### Housing:

48,5 x 48,5 x 35,5 mm (L x B x H)  
(with elbow-plug: 48,5 x 48,5 x 35,5 mm), splash water-proof IP65

#### Electric connection: (for input signals)

... **40NS W:** elbow-plug in accordance with EN 175301-803/A for connection to an existing transmitter.

... **40NS K:** approx. 0.5 m connection cable

**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 (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

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