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Product Information

GREISINGER
Member of GHM GROUP
EB-Logg 80NS

Norm-Signal-Logger EB-Logg 80NS

EB-Logg 80 NS-K   **EB-Logg 80 NS-W**

- **Recording of 0..2 V, 0..10 V, 0..20 mA or 4..20 mA norm signals**
- **Double display and 3 operating keys**
- **Large memory with 250,000 data sets**
- **Up to 64 recording series can be stored**
- **Independent battery operation**
- **Networkable via EASYBus: up to >100 devices via 2 wire bus up to 1000 m distance**
- **Waterproof (IP67)**
- **Robust, long battery life**
- **Made in Germany**

Features

The EB-Logg 80 can be configured, started and stopped via keys. It is possible to record a maximum of 64 recording series (start/stop processes) together with a total of 250,000 data records (each consisting of time stamp and norm signal value).
The configuration can also be done with the comfortable software GSOFT40k via EASYBus. Thereby the stopping of the logger by the keys can be blocked to prevent unauthorized persons from manipulating the recording.
The unique combination of battery operation or bus operation with supply from the EASYBus allows fail-safe data recording.
The measuring devices are professional devices for use in:

- production and server rooms
- Cooling chain monitoring
- Room climate and air-hygiene monitoring
- Museums and storerooms
- Industrial plants

Specification

Display range:	-1999..9999 digits freely programmable
Decimal point:	freely settable
Input signals:	only one selection possible!
	0..2 V, 0..10 V, 0..20 mA or 4..20 mA, other input signals on request (input is not electrically isolated from the EASYBus)
Accuracy:	±0.5 % (at nominal temperature)
Display	two 4½-digit LCD-displays (ca. 7 and 5.8 mm)
Interface	EASYBus
Bus load	corresponds 2 EASYBus –basic loads
Battery-Life	Depending on the set measuring cycle, approx. 5 years (at 15 minutes and nominal temperature).

Measured value memory 250.000 data records
Measuring cycle 4 seconds to 5 hours (18000 seconds)
Storage type.

Cyclic logger	- recording can be activated via start/stop functions (e.g. keystroke, limit values)
	- up to 64 independent recording series are possible.
Ring memory	The logger runs continuously; as soon as the entire memory is full, the old data is overwritten again from the beginning.
Logging period	Depends on the measuring cycle: e.g. 521 days with 3 min. measuring cycle, 7.1 years at 15 min. measuring cycle.

Electrical connection: (for input signals)

..80NS-W:	Angled plug rotatable according to EN 175301-803/A for easy "in-between" connection to an existing transmitter connection
..80NS-K:	approx. 0.5 m connection cable

Nominal temperature 25 °C
Working temperature -30 ... +60 °C
Storage temperature -30 ... +70 °C
Housing

Dimensions	48.5 × 48.5 × 35.5 mm (L × W × H) without sensor and connector
Type	Housing made of ABS, transparent polycarbonate window, splash-proof according to IP65 (except protection head).

Directives / Standards: The devices comply with the following Council Directives on the approximation of the laws of the Member States: 2014/30/EU -EMV Directive 2011/65/EU -RoHS
Applied harmonized standards:
EN 61326-1 : 2013 Interference emission class B, interference immunity according to table 1, additional error: <1%.
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Scope of delivery

- Data logger incl. fix mount battery
- Manual

Order Code

EB-LOGG80NS- 1 - 2 - 3

1	Connection input signal	
	K	0.5 m, loose ends
	W	Angle connector EN 175301-803 / A
2	Input signal	
	E420	4 … 20 mA
	E020	0 … 20 mA
	EV010	0 … 10 V
	EV01	0 … 1 V
	EV02	0 … 2 V
3	Option alarm output	
	ALARM	Alarm output
		No

Accessories

GSOFT 40K
Art.-No. 601145
Windows-Software for EB-Logg, T-Logg and MiniLog

EBW 1
Art.-No. 601136
EASYBus-interface converter RS232, up to 7 EASYBus modules, mains supply

EBW 3
Art.-No. 601137
EASYBus-interface converter USB, for 1 EASYBus module, supply from USB-Port

EBW 64
Art.-No. 601139
EASYBus-interface converter RS232, up to 64 EASYBus modules, mains supply

EBW 250
Art.-No. 609308
EASYBus-interface converter, up to 250 EASYBus modules, mains supply

EBSK 01
Art.-No. 601173
Connection cable for EB-Logg, 1 m with special plug

EBSK 03
Art.-No. 601175
Connection cable for EB-Logg, 3 m with special plug

EBSK 10
Art.-No. 601177
Connection cable for EB-Logg, 10 m with special plug