

EASYLOG 80CL

Климатический даталоггер / регистратор температуры, влажности и давления воздуха GHM MESSTECHNIK



Технические характеристики

Архангельск (8182)63-90-72	Иваново (4932)77-34-06	Липецк (4742)52-20-81	Пенза (8412)22-31-16	Ставрополь (8652)20-65-13
Астана (7172)727-132	Ижевск (3412)26-03-58	Магнитогорск (3519)55-03-13	Пермь (342)205-81-47	Сургут (3462)77-98-35
Астрахань (8512)99-46-04	Иркутск (395)279-98-46	Москва (495)268-04-70	Ростов-на-Дону (863)308-18-15	Тверь (4822)63-31-35
Барнаул (3852)73-04-60	Казань (843)206-01-48	Мурманск (8152)59-64-93	Рязань (4912)46-61-64	Томск (3822)98-41-53
Белгород (4722)40-23-64	Калининград (4012)72-03-81	Набережные Челны (8552)20-53-41	Самара (846)206-03-16	Тула (4872)74-02-29
Брянск (4832)59-03-52	Калуга (4842)92-23-67	Нижний Новгород (831)429-08-12	Санкт-Петербург (812)309-46-40	Тюмень (3452)66-21-18
Владивосток (423)249-28-31	Кемерово (3842)65-04-62	Новокузнецк (3843)20-46-81	Саратов (845)249-38-78	Ульяновск (8422)24-23-59
Волгоград (844)278-03-48	Киров (8332)68-02-04	Новосибирск (383)227-86-73	Севастополь (8692)22-31-93	Уфа (347)229-48-12
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Киргизия (996)312-96-26-47 Казахстан (772)734-952-31 Таджикистан (992)427-82-92-69

<http://ghm.nt-rt.ru> || gmg@nt-rt.ru

Device Overview

Type	System component	Model type	Measuring range and further information
EASYLog 80CL	Sensor module with data memory	Climate logger	0.0..100 % RH / -25.0..+60.0 °C / 300.0..1100.0 hPa



Product Information

Climate Logger EASYLOG 80CL



- High battery capacity for long recording duration
- Data memory for 250,000 data sets
- Long-term monitoring of climate data

Characteristics

The logger EASYLog 80CL is designed for long-term monitoring of climate data, particularly for monitoring of greenhouses or for the usage at heating engineering, ventilation technology and air conditioning.

Besides temperature, relative humidity and air pressure the following units can be displayed: wet bulb temperature, dew point temperature, enthalpy and atmospheric humidity. Up to 250,000 measuring values can be saved for each unit (**altogether 1,000,000 values**)

Both, the low power consumption and the high battery capacity ensure long recording time. The LCD display shows 2 different measuring values (e.g. temperature and humidity at the same time) or the operating mode of the logger. The device has a splash-proof industrial housing.

Storage capacity	250.000 data sets (in max. 64 recording sequences)
Recording	interval: 4 sec. to 5 h
Display	two 4 ½ -digit LCD displays
Power supply	battery operation, service life approx. 6 years (at 15 min recording interval)
Interface	EASYBus interface, 3-pin mini built-in plug
Housing	ABS
Protection class	housing: IP65 protection head: IP40
Bus load	2

Dimensions

Housing : 48.5 x 48.5 x 35.5 mm (H x W x D)
(without sensor / cable)

Ordering code

1.
EASYLOG 80CL -

1. Option	
00	without option
ALARM	additional alarm output open-collector-output, 4-pin mini built-in plug (IP65) incl. 1 m connection cable, max. switching power: 28 V, 50 mA

Necessary accessories

The EASYLog 80CL is programmed, started and read via its EASY-Bus interface. Following accessories are required:

- interface converter
RS232 – EASYBus: EBW 1, EBW 64, EBW 240
or USB – EASYBus: EBW 3
- GSOFT 40K (as of Version 5.0) to start logger and read logger data incl. 1x EBSK 01 connection cable
- EBSK 01 / EBSK 03 (1m or 3m): connection cable from interface converter to EASYLog

Note: 1x EBSK 01 (1m) is in scope of delivery of software software GSOFT 40K.

Technical data

Measuring and display range	0.0..100 % RH (recomm.: 10..90 % RH) -25.0..+60.0 °C 300.0..1100.0 hPa
Accuracy	±2 % (humidity) ±0.3 °C ± 0.017 x (T-25 °C) (temperature) ±1.0 hPa (air pressure)
Working temperature	-25..+60 °C (electronics)
Measuring sensors	humidity/temp.: sensor mounted in tube air pressure: sensor integrated in housing
Additional available display units	wet bulb temperature dew point temperature enthalpy atmospheric humidity absolute humidity
Probe tube design	polyamide, Ø15 mm, fixed to unscrewable plastic protection head for fast response

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Ярославль (4852)69-52-93

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