Handheld instrument

Display / Controller

Logger / EASYBus

Transmitter

Temperature probe

Simulator

Alarm / Protection, Level

STATE-LOGGER

FOR STATE
MONITORING ETC.

E.A.S.Y.Bus - Modul

EASYLOG 40BIN

Product-ID: 602975

State Data-Logger (48000 measuring values) for individual use

Specifications:

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 s ... 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, if recording interval is 15 min.)
Working temperature:	-25 ... +60 °C
Storage temperature:	-30 ... +70 °C
Interface:	EASYBus-interface 3-pin mini-integral plug Needed connection-cable EBSK01 not included in supply (see accessories page 112)
Housing:	48.5 x 48.5 x 35.5 mm (L x W x D) plug and cable not included, IP65
Electric connection:	(for input signals) approx. 0.5 m 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 EN 61326-1 (table 2, class B) additional error: < 0.5 %
Scope of supply:	Device, manual

Ordering code

EASYLOG40BIN - ☐1 - ☐2 -GE

Greisinger			
1.	Option		
	DBK	Double battery capacity	
2.	Option		
	ALARM	Additional Alarm output	

HUMIDITY-/TEMPERATURE-/AIR PRESSURE LOGGER

ISO

FUNCTIONS:

MIN MAX

MAX ALARM

E.A.S.Y.Bus - Modul

FOR CLIMATE
MONITORING ETC.

EASYLOG 80CL

Product-ID: 602773

Humidity-/Temperature-/Air pressure Data-Logger (each 250.000 measured values) for climatic applications.

Specifications:

	Measuring / display range:	Accuracy:
Humidity:	0.0 ... 100.0 % RH	± 2 % in range 10-90 %
Temperature:	-25.0 ... +60.0 °C	± 0.3 °C ± 0.017 * (T - 25 °C)
Air pressure:	300.0 ... 1100.0 hPa	± 1.0 hPa (typ., at 0 - 60 °C)

Additional available display ranges:

Wet bulb temperature:	-27.0 ... +60.0 °C
Dewpoint temperature:	-40.0 ... +60.0 °C
Enthalpy:	-25.0 ... 999.9 kJ/kg
Atmospheric humidity:	-0.0 ... 640.0 g/kg
Absolute humidity:	0.0 ... 200.0 g/cm³
Resolution display and memory:	0.1 °C, 0.1 % RH and 0.1 hPa or 1 digit
Sensors:	
Humidity/Temperature:	sensor mounted in sensor tube (sensor is exchangeable)
Air pressure:	sensor integrated in housing
Sensor tube:	approx. Ø 15 mm made of polyamide
Protection cap:	screw-type plastic protection cap for quick responses
Display:	two 4½-digit LCD-displays
Recording interval:	4 s ... 5 h, free programmable via buttons on the device or via the software GSOFT 40K
Storage capacity:	250.000 data sets (humidity, temperature, air pressure) in max. 64 recording sequences
Recording time:	7 years (at 15 min. interval)
Battery service life:	approx. 5 years (at 15 min)
Working temperature:	-25 ... +60 °C
Storage temperature:	-30 ... +70 °C
Interface:	EASYBus-interface 3-pin mini-integral plug.
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 %

Variants:

EASYLOG 80CL-ALARM
Product-ID: 603336
additional alarm-output, open-collector output via 4-pole miniature mounting connector (IP65) including 1 m cable. Max. switching power: 28 V, 50 mA

Accessories and spare parts:

ISO-80CL
Product-ID: 607734
Certificate of calibration humidity (measured points about 20/40/60/80% at 23 ° C)
Pressure 5 points increase, 5 points decrease over the entire measuring range

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Attention: Our software GSOFT40K as well as a level converter (EBW1, EBW3 or EBW64) are required for all EASYLOG devices for configuration and to read-out logger data. (p.r.t. p. 77 and 112)