

HUMIDITY-/TEMPERATURE-/AIR PRESSURE LOGGER



E.A.S.Y.BUS[®] MODUL

FOR CLIMATE MONITORING ETC.

EASYLOG 80CL

Art. no. 602773

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

EASYLOG 80CL-E

Art. no. 606630

Humidity-/Temperature-/Air pressure data logger (each 250.000 measured values) for climatic applications, with external sensor

Specifications:

	Measuring / display range:	Accuracy (at 25 °C):
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

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 % r.F. and 0.1 hPa or 1 digit

Sensors

- Humidity/Temperature:** sensor mounted in sensor tube (sensor is exchangeable), 1 m cable
- Air pressure:** sensor integrated in housing
- Sensor tube:** approx. Ø 15 mm aus Polyamid
- 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. interval)
- Working temperature:** -25 ... +60 °C
- Storage temperature:** -30 ... +70 °C
- Interface:** EASYBus-interface 3-pin mini-integral plug
- Housing:** Housing made of shock resistant plastic, transparent front made of polycarbonate. Splash water-proof: IP65 (excl. protection cap)
- Dimensions:** 48.5 x 48.5 x 35.5 mm (L x W x H) sensor and plug not included
- Scope of supply:** Device, manual

Variant:

EASYLOG 80CL-ALARM

Art. no. 475038

Humidity-/Temperature-/Air pressure data logger 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

Art. no. 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

STANDARD SIGNAL LOGGER



E.A.S.Y.BUS[®] MODUL

REPLACES FOR EXPENSIVE RECORDERS

EASYLOG 40NS-W-...

Standard Signal Data Logger (48.000 meas. values) for transducers etc. (with elbow type plug)

EASYLOG 40NS-K-...

Standard Signal Data Logger (48.000 meas. values) for transducers etc. (with PG glanding and cable)

Specifications:

Display range:	-1999 ... 9999 digit free programmable
Decimal point:	any position
Input signals:	one signal only! 0 ... 2 V, 0 ... 10 V, 0 ... 20 mA oder 4 ... 20 mA, other input signals upon request (input is not isolated for EASYBus)
Accuracy:	±0.5 % (at nominal temperature)
Display:	10 mm high LCD-display
Recording interval:	2 s ... 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 (if recording interval is 15 min)
Working temperature:	-25 ... +60 °C
Storage temperature:	-30 ... +70 °C
Interface:	EASYBus-interface 3-pin mini-integral plug
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
Housing:	Housing made of shock resistant plastic, transparent front made of polycarbonate. Splash water-proof: IP65
Dimensions:	48.5 x 48.5 x 35.5 mm (W x L x D), with elbow-plug: 50.5 x 90 x 39.5 mm
Scope of supply:	Device, manual

EASYLOG40NS - 1 - 2 - 3 - 4

Greisinger	
1.	Version
	K Approx. 0.5 m connection cable
	W Angle connector EN 175301-803 / A
2.	Input signal
	E1 4 ... 20 mA
	E2 0 ... 10 V
	E3 0 ... 20 mA
	E4 0 ... 1 V
	EV05 0 ... 5 V
	EV030 0 ... 30 V
3.	Additional Alarm output
	ALARM Yes
	00 no
4.	Double battery capacity
	DBK Yes
	00 no