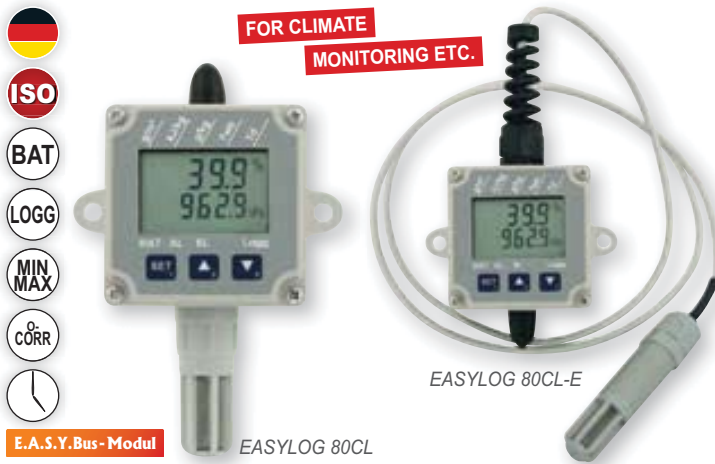


Humidity-/Temperature-/Air pressure Logger



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 % 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:	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	

Variants:
EASYLOG 80CL-ALARM
Art. no. 603336

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



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
Eingangssignale:	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 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.	Design type
	K Cable connection
	W Angle plug
2.	Input signal
	-E1 4-20 mA
	-E2 0-10 V
	-E3 0-20 mA
	-E4 0-1 V
3.	Option
	-DBK Double battery capacity
4.	Option
	-ALARM Additional Alarm output

Handheld instrument
Display / Controller
Logger- / Bus systems
Transmitter
Temperature probe
Simulators
Alarm / Protection, Level