STATE-LOGGER
for state monitoring etc.

STATE REGISTRATION
(48000 meas. values) for individual use

EASYlog 40BIN

HUMIDITY-/TEMPERATURE-/AIR PRESSURE LOGGER
for climate monitoring etc.

The new generation of the logger series
- double display (i.e. to display humidity and temperature at the same time)
- up to 64 recording sequences can be saved
- big storage for up to 250.000 measuring values for each unit (humidity, temperature, air pressure, ...) (= 1.000.000 values for all)
- Various additional measurement categories are available: dew point temperature, wet bulb temperature, enthalpy, atmospheric humidity or absolute humidity

EASYlog 80CL
WPF4 - Certificate of calibration humidity (measuring points: approx. 20/40/60/80/100%)
WPD5 - Certificate of calibration pressure (measuring points 30/50/70/90/110 hPa)

General
The EASYlog 80CL can be configured, started and stopped by its buttons. It is possible to record max. 64 recording sequences (=start/stop processes) with max. 250.000 data sets (humidity/temperature/air pressure).

The device can also be configured and handled by the comfortable software GSOFT40K. There is the possibility to block the stopping of the logger by the buttons to protect the logger of unauthorised handling.

The device supports the display of units relevant for the air conditioning technology: wet bulb temperature, dew point temperature, enthalpy, atmospheric humidity or absolute humidity.

The EASYlog 80CL provides a big variety of additional functions:
- Sealevel correction: instead of the barometric air pressure the pressure at sea level can be displayed (input of height above sea level needed).
- Min-max-value memory: callbable by the buttons, the highest and lowest value since the start (or reset) of the logger is saved here.
- Min-max-alarm function: the exceeding of adjustable min-max- alarm boundaries by the displayed value is monitored. Optional: alarm output for alarm message of the logger available!

Specification
Measuring range, Display ranges:
Humidity: 0,0 ... 100,0 %RH
Temperature: -25,0 ... +60,0 °C
Air pressure: 300,0 ... 1100,0 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

Accuracy:
Humidity: ± 2 % in range 10-90%
Temperature: ± 0,3 °C ± 0,017 °C (T - 25°C)
Air pressure: ± 1.0 hPa (typ., at 0 - 60°C)

Sensores:
Humidity/Temperature: sensor mounted in sensor tube (sensor is exchangeable)
Air pressure: sensor integrated in housing
Sensor tube: Ø15 mm made of polycarbonate
Protection cap: screw-type plastic protection cap for quick responses

Display:
two 4½-digit LC-displays

Recording interval: 4 sec. to 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

Battery service life:
approx. 7 years (at 15 min. interval)

Recording time:
7 years (at 15 min. interval)

Noise immunity (EMC): the EASYlog have been manufactured in accordance with the regulations concerning EMC (2004/108/EG).
The device meets EN61326 (appendix A, class B)

Options (for extra charge):
- ALARM: additional alarm-output
- Options for extra charge:

Please Note: For trademark reasons we currently do not deliver members of the EASYlog family to GB and USA. Please order there the constructional identical types: Logger type 40K, Logger type 40RF, ...