

T-Logg 120, 160

Регистратор влажности / температуры (даталоггер)

GHM MESSTECHNIK



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T-Logg - The logger series for stand-alone applications

STANDARD SIGNAL LOGGER

for individual programming of recording time



T-Logg 120 K

T-Logg 120 W

STANDARD SIGNAL DATA LOGGER

(16.000 meas. values) for transducers etc.

T-Logg 120 W - ...

(with elbow type plug)

T-Logg 120 K - ...

(with PG glanding and cable)

Note: please specify standard signal desired when ordering (i.e.: T-Logg 120 K - 0-1V)

Specification

Display range:	-1999 ... 9999 digit <i>freely programmable</i>
Decimal point	any position
Input signal: <i>only one signal!</i>	0 - 1 V, 0 - 2 V, 0 - 10 V, 0 - 20 mA or 4 - 20 mA other input signals upon request <i>(input is not isolated from interface)</i>
Accuracy:	±0,5 % FS (at nom. temperature)
Display :	10 mm high LCD-display
Recording interval:	from 2 sec. to 5 h <i>freely programmable via software</i>
Storage capacity:	16.000 measuring values
Recording time:	166 days (if interval is 15 min.)
Working temperature:	-25 to +60 °C
Storage temperature:	-30 to +85 °C
Battery:	CR2032, exchangeable
Battery service life:	over 3 years (if recording interval is 15 min.)
Electric connection: (for input signals)	... 120 W - ...: elbow-plug in accordance with EN 175301-803/A for connection to an existing transmitter. ... 120 K - ...: approx. 0.5 m connection cable

Interface: serial interface, 3-pin miniature integral plug. *The T-Logg 100 is not suitable for bus operation and is not E.A.S.Y.Bus compatible!*

Housing: 48,5 x 48,5 x 35,5 mm (H x W x D). plugs, sensor connection, ... are not included
Housing made of shock resistant plastic, transparent front made of polycarbonate, splash water-proof: IP 65 (excl. protection cap at T-Logg 160).

Noise immunity (EMC): the T-Logg 100 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% (< 1% at T-Logg 100 E)

HUMIDITY-/TEMPERATURE-LOGGER

for individual programming of recording time



HUMIDITY / TEMPERATURE DATA LOGGER

(16.000 meas. values) for any application

T-Logg 160

Starter kit

T-Logg 160 SET

Complete set with T-Logg 100 and interface converter USB 100 (incl. MINISOFT)

Specification

Measuring ranges, display ranges:	
Humidity:	0.0 ... 100.0 %RH
Temperature:	-25.0 ... 60.0 °C
Resolution:	0.1 °C / 0.1 %RH
Accuracy (at nominal temperature = 25°C):	
Humidity:	≤ ±3 % in range 10 - 90 %
Temperature:	± 0,3 °C ± 0.017 * (T - 25°C)
Sensors:	mounted in sensor tube
Sensor tube:	approx. Ø15 mm made of polyamide with screw-type plastic protection cap
Display:	10 mm high LCD-display
Recording interval:	from 4 sec. to 5 h <i>freely programmable via software</i>
Storage capacity:	16.000 measuring values each
Recording time:	166 days (if interval is 15 min.)
Nominal temperature:	25 °C
Working temperature:	-25 to +60 °C
Storage temperature:	-30 to +85 °C
Battery:	CR2032, exchangeable
Battery service life:	over 3 years (if recording interval is 15 min.)

Software

MINISOFT

Read-out software for the T-Logg.

Software is contained at the USB 100 or free available via the internet. We will be pleased to send you a separate CD against a small charge covering our expenses of € 16,00.

Note: the T-Logg can also be controlled

by the software GSOF40K.

Accessories

USB 100	interface converter, for direct connection of one T-Logg to the USB-interface of a PC.
GWH 40K	Wall suspension with lock against theft (picture: see page 93) suitable for e.g. T-Logg 100, T-Logg 120 K - ... and T-Logg 160.
GWH 10	Simple wall suspension, made of stainless steel (picture: see page 93) Mount wall suspension at the monitoring point, logger may now be easily put in.
CR 2032	spare battery for T-logg's

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