

INFORMATION



T-Logg data logger (for standalone applications)



- Data logger for temperature, humidity, standard signals
- 16 000 measurements



Data logger for standalone applications (e.g. directly on the goods during refrigerated transport)
The free MINISoft software (download from www.greisinger.de) and a USB 100 connecting cable (not included in the scope of delivery) are required for configuration and readings.
T-Logg is not compatible with EASYBus, is not bus-capable and is not designed for permanent communication with the software.



T-LOGG

THE LOGGER SERIES FOR STAND-ALONE APPLICATIONS

General specifications:

Display:	LCD-display, 10 mm high
Recording interval:	1 s ... 5 h (T-Logg 160 4 s ... 5 h)
Storage capacity:	16.000 measuring values
Recording time:	166 days (if interval is 15 min.)
Nominal temperature:	25 °C
Working temperature:	-30 ... +60 °C (T-Logg 100... only, otherwise -25 ... +60 °C)
Storage temperature:	-40 ... +70 °C (T-Logg 100... only, otherwise -30 ... +70 °C)
Battery:	CR2032, exchangeable
Battery service life:	over 3 years (if recording interval is 15 min.)
Approvals:	DIN EN 12830
Interface:	3-pole M8 plug for USB 100
Housing:	Housing made of shock resistant plastic, transparent front made of polycarbonate. Splash water-proof: IP 65.
Dimensions:	48.5 x 48.5 x 35.5 mm (W x H x D); Housing without mounting lugs, plug, sensor connection and/or sensor tube

Accessories and spare parts:

USB 100

Art. no. 602051

Interface converter, for direct connection to a PC.



GWH 40K

Art. no. 601166

Wall suspension with lock as protection against theft (picture: see pageSeite <AE>44)

GWH 10

Art. no. 601169

Stainless steel wall suspension (picture: see pageSeite <AE>44)

Ersatz-CR 2032

Art. no. 606080

Spare battery CR 2032 for T-Logg



ISO-WPF4

Art. no. 602543

Certificate of calibration incl. standard-measuring values (approx. 20 % / 40 % / 60 % / 80 % RH increasing and decreasing; measurement point Temperature: approx. +23 °C)

ISO-WPT3

Art. no. 602596

Temperature factory calibration, test points: -20 °C, 0 °C, 70 °C

Note: The T-Logg 100 is neither BUS- nor EASYBus compatible.

TEMPERATURE DATA LOGGER



DIN EN 12830

T-LOGG
THE LOGGER SERIES FOR STAND-ALONE APPLICATIONS

T-Logg 100

Art. no. 600563

Temperature-Logger (16 000 measurement values) for any application

Specifications:

Measuring ranges:	-30.0 ... +60.0 °C (Resolution: 0.1 °C)
Accuracy: (at 25 °C)	±0.5 °C
Sensor:	NTC 10 K
Sensor connection:	integrated in device
Scope of supply:	Device, battery, manual

T-Logg 100-SET

Art. no. 602153

Complete set: T-log incl. USB100 & software

T-Logg 100-E

Art. no. 476833

Temperature-Logger (16.000 measurement values) for any application

Specifications:

Measuring ranges:	-30.0 ... +120.0 °C (Resolution: 0.1 °C)
Accuracy: (at 25 °C)	±0.2 % of measuring value ±0.5 °C
Sensor:	NTC 10 K in VA sensor tube, Ø 5 mm, approx. 50 mm long
Sensor connection:	approx. 1 m silicone cable, with anti-buckling glanding to housing
Scope of supply:	Device, battery, manual

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Greisinger	
1.	Version
	00 Standard
	E Probe connected with 1 m silicone cable
	E-AFK Detachable probe cable
2.	Option
	00 Without option
	SET T-log incl. USB100 & software
	Indoor and outdoor sensor
3.	Measuring range
	-30 ... +60 °C
	-30 ... +120 °C, Only with version E
4.	Sensor
	NTC 10K
5.	Measuring transducer
	16000 measurements
6.	Working temperature
	-30 ... +60 °C, 40 K

Note: For configuration or reading out a interface converter USB 100 is needed!

HUMIDITY- / TEMPERATURE-LOGGER



STANDARD SIGNAL DATA LOGGER



T-LOGG
THE LOGGER SERIES FOR
STAND-ALONE APPLICATIONS

T-LOGG
THE LOGGER SERIES FOR
STAND-ALONE APPLICATIONS

T-Logg 160

Art. no. 600887

Humidity / Temperature Logger (16 000 meas. values) for any application

Specifications:	
Measuring ranges:	0.0 ... 100.0 % RH (resolution: 0.1 % RH) -25.0 ... +60.0 °C (resolution: 0.1 °C)
Accuracy (at 25 °C):	±3 % in range 10 ... 90 % ±0.3 °C ±0.017 * (T - 25 °C)
Sensors:	capacitive humidity sensor Silicon temperature sensor in sensor tube with Ø 15 mm and removable plastic protective cap
Sensor connection:	installed directly in the housing
Display:	10 mm high LCD-display
Scope of supply:	Device, battery, manual, free software for download: www.greisinger.de

T-Logg 160 SET

Art. no. 602273

Complete set with T-log incl. USB100 & software

T-LOGG160 -

Greisinger		
1.	Option	
	00	Standard
	SET	T-log incl. USB100 & software

T-Logg 120-W-...

Standard signal data logger (16.000 measuring values) for transducers etc.

Specifications:	
Display range:	-1999 ... 9999 digit, freely programmable
Decimal point:	any position
Measuring ranges:	depending on variant
Accuracy (at 25 °C):	±0.5 % FS (at nominal temperature)
Sensor:	16 bit analogue digital converter
Electric connection:	elbow-plug in accordance with EN 175301-803/A for connection to an existing transmitter
Scope of supply:	Device, battery, manual

T-Logg 120-K-...

Specifications:	
Measuring ranges:	depending on variant
Accuracy (at 25 °C):	±0.5 % FS (at nominal temperature)
Sensor:	16 bit analogue digital converter
Electric connection:	Silicone cable, approx. 0.5 m long (with anti-kink protection, not removable)
Scope of supply:	Device, battery, manual

T-LOGG120 - - - - - - - -

Greisinger		
1.	Version	
	W	Angle connector EN 175301-803 / A
	K	Cable connection
2.	Cable	
		0.5 m silicone cable
3.	Option	
	00	Without option
	SET	T-log incl. USB100 & software
4.	Input signals	
	E1	4 ... 20 mA
	E2	0 ... 10 V
	E3	0 ... 20 mA
	E4	0 ... 1 V
	E5	0 ... 2 V
	EV030	0 ... 30 V
	E6	-30 ... +30 mV
5.	Display range	
		-1999 ... +9999 digit
6.	Measuring transducer	
		16000 measurements
7.	Working temperature	
		-25 ... +60 °C
8.	Decimal point	
		Arbitrary setting

Note: For configuration or reading out a interface converter USB 100 is needed!