

MISCELLANEOUS DEVICES

Datalogger DLN

Part number: 5.1756.00.000

It stores the data together with time and date in accordance with the set memory cycle. In addition, measuring data of an LNM (5.4110.xx.xxx) can be acquired and stored.

The read-out of the stored data is carried out directly via the serial interface, USB, or by means of an SD-card. Date, time, station name, and memory cycle can be set via 3 keys.

The instrument can be operated in battery-supplied mode (mains-independent). The pulses of the precipitation transmitter can be processed potential-free via opto-coupler



Specification

Part number: 5.1756.00.000

Analogue data sampling	
A/D - converter	16 bit
Accuracy	±0.1 % of meas. range
Noise ratio	yes @ 50Hz
Precipitation	
Electrical input	2 x Impulses 1 x serial (COM2)
Resolution	0.1 mm
Temperature	
Electrical input	1 x PT100
Measuring range	-40 ... +70 °C
Accuracy	±0,1 mK
Rel. Humidity	
Electrical input	1 x 0.02 ... 1 V
Measuring range	2 ... 100 % rel. h.
Accuracy	± 0.001 % rel. h.
Serial interfaces	
Quantity	2
Configuration	COM1: RS232 or USB COM2: RS485 HD
Supported devices	COM2: LPM
Function	COM1: Configuration, Data access COM2: Sensors, Inst. data output
Data output digital	
Output type	2 x optokoppler (max. 24 V, 1 mA)

Data input digital	
Typ	2 x impulses for precipitation
Data management	
Measurement cycle	1 ... 3600 s
Memory cycle	1 ... 60 min
Memory capacity	4 MByte Data export to SD card
Number data records	360448 (3 channels) 163840 (10 channels)
Output of archive values	serial via COM1 (ASCII - formatted) Export to SD - card (ASCII - formatted)
Operating voltage	
Electronic	18 ... 36 V DC or 18.5 ... 27.6 V AC
Current consumption	min. 0.1 mA max. 2.0 mA
Battery connection	für 12 V Battery
Internal battery charger	15 ... 18 V / max. 20 W
General	
Ambient temp.	-30 ... +60 °C
Electr. connection	clamp
Display	LCD-Display 2 x 16 digits
Mounting	DIN rail
Protection	IP 20
Dimension	155 x 85 x 60 mm
Weight	0.7 kg

Versions

No other versions of this product are available.

Accessories

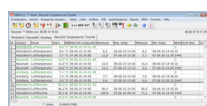
Product	Product name	Brief description
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Meteo-Online
9.1700.98.x01

Meteo-Online is a software for detecting, filing, and displaying data of meteorological measuring instruments. The display of the data is carried out graphically as diagram and/or as text. The user has the possibility to place the display-elements free on the screen, and to save them.

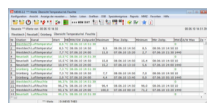
Data display	
Monitor - display	<ul style="list-style-type: none"> - Values - Diagrams - Tables - Windrose - Time - Date
Compatibility	
Connectable instruments	<ul style="list-style-type: none"> - US-Anemometer - Datalogger - Clima Sensor - Weather station WSC11 - Wind display - etc.
System requirements	PC mit <ul style="list-style-type: none"> - Prozessor > 1 GHz - RAM > 1 GB
Operating system	<ul style="list-style-type: none"> - Windows 2003 SP2 - Windows Server 2008 - Windows 7 - Windows Server 2008 R2 - Windows 7 SP1 - Windows Server 2008 R2 SP1 - Windows 8 - Windows 10



Mevis Light
9.1796.40.xxx

PC- program for automatically data request of THIES- data logger with archiving, vdata visualisation and evaluation

Compatibility	
Connectable instruments	all THIES data logger
System requirements	PC mit - Prozessor > 1 GHz - RAM > 1 GB
Operating system	- Windows 2003 SP2 - Windows Server 2008 - Windows 7 - Windows Server 2008 R2 - Windows 7 SP1 - Windows Server 2008 R2 SP1 - Windows 8 - Windows 10
Software	
max. stations	5
max. components per station	30
ASCII - import	not available
MEVIS data path	fix, not changeble
automatical data export	only manually via dialog
Extentions	no
Lizence protection	intalledUser



Mevis Full Version
9.1796.50.xxx

PC- program for automatically data request of THIES- data logger with archiving, vdata visualisation and evaluation

Compatibility

Connectable instruments	all THIES data logger
System requirements	PC mit - Prozessor > 1 GHz - RAM > 1 GB
Operating system	- Windows 2003 SP2 - Windows Server 2008 - Windows 7 - Windows Server 2008 R2 - Windows 7 SP1 - Windows Server 2008 R2 SP1 - Windows 8 - Windows 10

Software

max. stations	99
max. components per station	99
ASCII - import	available
MEVIS data path	configurable
automatical data export	available
Extentions	MEVIS viewer
Lizence protection	hardware dongle



SD-Card
9.2200.00.000

Serves as portable data carrier for reading the measuring data out from data logger

Data management

Memory capacity	2 GByte
Format	FAT 16



Protection housing
9.3293.00.000

Protection housing with clear cover

General

Power supply	85 ... 264 V AC 45 ... 65 HZ/ 24 V DC 60 W
Mounting	wall mounting
Dimension	252 x 162 x 120 mm
Fixing boring	DIN rail 35 x 7.5 mm 240 mm long
Matirial housing	plastic

