

Datalogger DLU

There is a pixel touch display 320 x 240 available for diagnosis and startup. It serves for displaying instantaneous and archival values.

Simple parametrizations can be carried out.

The data query occurs via Ethernet (only with 9.1711.10.010), or via one of the two interfaces RS485/422. All interfaces support the data query in ASCII format. The data can be enquired via Ethernet and WLAN additionally in binary format and SFTP.

The 9.1711.10.010 contains an internal WEB server for displaying the instantaneous and archival values, and for configuration. The configuration can be carried out in addition also „offline” via Windows tool.

The datalogger DLU is designed for indoor installation.

Outdoor application requires an additional cover housing with respective degree of protection

Specification

Part number: 9.1711.10.0x0

Analogue data sampling

A/D - converter	16 bit
Accuracy	±0.1 % of meas. range
Noise ratio	yes @ 50Hz

Multifunction inputs

Quantity	3
Function	3 x 0 ... 100 mV 3 x 0 ... 1 V 3 x 0 ... 10 V 3 x 0 ... 20 mA 3 x 4 ... 20 mA

Wind speed

Electrical input	2 x Impulses (altrnative to precipitation)
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Precipitation

Electrical input	2 x impulses (0 ... 5 V)
Resolution	0.1 mm

Temperature

Electrical input	1 x PT100
Measuring range	-40 ... +70 °C
Accuracy	±0,1 K

Rel. Humidity

Electrical input	1 x 0.02 ... 1 V
Measuring range	2 ... 100 % rel. h.
Accuracy	± 0.001 % rel. h.

Serial interfaces

Quantity	3
Configuration	USB
Supported devices	COM1, COM2: LPM, US2D, US2D Compact, Clima Sensor US, WSC11
Function	COM1, COM2: data access, sensor connection, instantaneous values USB: Configuration, data access

Data output digital

Interface	COM1: RS485 HD or FD COM2: RS485 HD or FD
Data management	
Measurement cycle	1 ... 3600 s
Memory cycle	1 ... 60 min
Memory capacity	64 MByte
Number data records	depending on configuration Example: 276192 (14 channels)
Output of archive values	serial via COM1, COM2, USB (ASCII - formatted) Export to SD - card (ASCII - formatted)
Operating voltage	
Electronic	24 V DC or 24 V AC
Current consumption	min. 1.7 mA max. 32 mA
Battery connection	for 12 V battery
Internal battery charger	15 ... 18 V / max. 20 W
General	
Ambient temp.	-20 ... +70 °C
Electr. connection	clamp
Dosplay	2,4 " Colour - Touch - Display 320 x 240 Pixel
Mounting	DIN mounting
Protection	IP 20
Dimension	157 x 86 x 58.5 mm
Weight	0.7 kg

Versions

As per 9.1711.10.0x0, but:

Product number 9.1711.10.000

Serial interfaces

Ethernet connection	no
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Product number 9.1711.10.010

Serial interfaces

Ethernet connection	yes
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Ethernet

supported functions	SFTP, TELNET, WEB-Server
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Accessories

Product	Product name	Brief description
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Power supply
Unit
213375

Power supply for DIN mounting rail

- primary:
• 85 ... 264V AC
secondary:
• 24 V DC / 60 W

Operating voltage

Primary 85 ... 230 V AC
Secondary 24 V DC / 60 W

Electrical connection

Series terminals 4

General

Housing plastic
Protection IP 20
Dimension ca. 35 x 90 x 84 mm
Weight 0.2 kg



Power supply
Unit
213947

Power supply for DIN mounting rail

- primary:
• 85 ... 264V AC
secondary:
• 24 V DC / 240 W

Operating voltage

Primary 85 ... 230 V AC
Secondary 24 V DC / 240 W

Electrical connection

Series terminals 4

General

Housing plastic
Protection IP 20
Dimension ca. 45 x 230 x 125 mm
Weight 0.66 kg



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

- Values
- Diagrams
- Tables
- Windrose
- Time
- Date

Compatibility

Connectable instruments

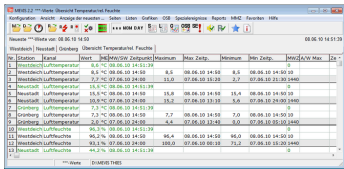
- US-Anemometer
- Datalogger
- Clima Sensor
- Weather station WSC11
- Wind display
- etc.

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



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

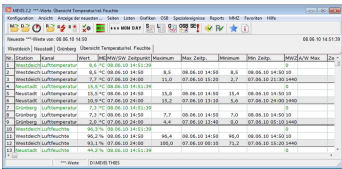
only manually via dialog

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

