

## MISCELLANEOUS DEVICES

### Datalogger DLU

**Part number: 9.1711.10.0x0**

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
<b>Rel. Humidity</b>	
Electrical input	1 x 0.02 ... 1 V
Measuring range	2 ... 100 % rel. h.
Accuracy	± 0.001 % rel. h.
<b>Serial interfaces</b>	
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
<b>Data output digital</b>	
Interface	COM1: RS485 HD or FD COM2: RS485 HD or FD
<b>Data management</b>	
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)
<b>Operating voltage</b>	
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
<b>General</b>	
Ambient temp.	-20 ... +70 °C
Electr. connection	clamp
Display	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														
	Power supply Unit 213375	<p>Power supply for DIN mounting rail</p> <p>primary:</p> <ul style="list-style-type: none"> <li>• 85 ... 264V AC</li> </ul> <p>secondary:</p> <ul style="list-style-type: none"> <li>• 24 V DC / 60 W</li> </ul> <hr/> <p><b>Operating voltage</b></p> <table border="1"> <tr> <td>Primary</td> <td>85 ... 230 V AC</td> </tr> <tr> <td>Secondary</td> <td>24 V DC / 60 W</td> </tr> </table> <hr/> <p><b>Electrical connection</b></p> <table border="1"> <tr> <td>Series terminals</td> <td>4</td> </tr> </table> <hr/> <p><b>General</b></p> <table border="1"> <tr> <td>Housing</td> <td>plastic</td> </tr> <tr> <td>Protection</td> <td>IP 20</td> </tr> <tr> <td>Dimension</td> <td>ca. 35 x 90 x 84 mm</td> </tr> <tr> <td>Weight</td> <td>0.2 kg</td> </tr> </table>	Primary	85 ... 230 V AC	Secondary	24 V DC / 60 W	Series terminals	4	Housing	plastic	Protection	IP 20	Dimension	ca. 35 x 90 x 84 mm	Weight	0.2 kg
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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
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**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.

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**Data display**

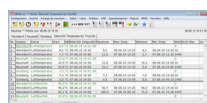
Monitor - display	<ul style="list-style-type: none"> <li>- Values</li> <li>- Diagrams</li> <li>- Tables</li> <li>- Windrose</li> <li>- Time</li> <li>- Date</li> </ul>
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**Compatibility**

Connectable instruments	<ul style="list-style-type: none"> <li>- US-Anemometer</li> <li>- Datalogger</li> <li>- Clima Sensor</li> <li>- Weather station WSC11</li> <li>- Wind display</li> <li>- etc.</li> </ul>
System requirements	PC mit <ul style="list-style-type: none"> <li>- Prozessor &gt; 1 GHz</li> <li>- RAM &gt; 1 GB</li> </ul>
Operating system	<ul style="list-style-type: none"> <li>- Windows 2003 SP2</li> <li>- Windows Server 2008</li> <li>- Windows 7</li> <li>- Windows Server 2008 R2</li> <li>- Windows 7 SP1</li> <li>- Windows Server 2008 R2 SP1</li> <li>- Windows 8</li> <li>- Windows 10</li> </ul>

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Mevis Light  
9.1796.40.xxx

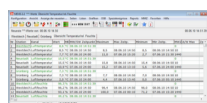
PC- program for automatically data request of THIES- data logger with archiving, vdata visualisation and evaluation

**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