

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

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
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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
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, TELENT, WEB-Server

Accessories

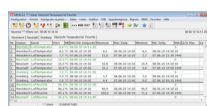
Product	Product name	Brief description														
	Power supply Unit 213375	<p>Power supply for DIN mounting rail</p> <p>primary:</p> <ul style="list-style-type: none"> 85 ... 264V AC <p>secondary:</p> <ul style="list-style-type: none"> 24 V DC / 60 W <p>Operating voltage</p> <table border="1"> <tr> <td>Primary</td> <td>85 ... 230 V AC</td> </tr> <tr> <td>Secondary</td> <td>24 V DC / 60 W</td> </tr> </table> <p>Electrical connection</p> <table border="1"> <tr> <td>Series terminals</td> <td>4</td> </tr> </table> <p>General</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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	Power supply Unit 213947	<p>Power supply for DIN mounting rail</p> <p>primary:</p> <ul style="list-style-type: none"> 85 ... 264V AC <p>secondary:</p> <ul style="list-style-type: none"> 24 V DC / 240 W <p>Operating voltage</p> <table border="1"> <tr> <td>Primary</td> <td>85 ... 230 V AC</td> </tr> <tr> <td>Secondary</td> <td>24 V DC / 240 W</td> </tr> </table> <p>Electrical connection</p> <table border="1"> <tr> <td>Series terminals</td> <td>4</td> </tr> </table> <p>General</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. 45 x 230 x 125 mm</td> </tr> <tr> <td>Weight</td> <td>0.66 kg</td> </tr> </table>	Primary	85 ... 230 V AC	Secondary	24 V DC / 240 W	Series terminals	4	Housing	plastic	Protection	IP 20	Dimension	ca. 45 x 230 x 125 mm	Weight	0.66 kg
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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.

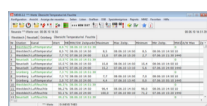
Data display	
Monitor - display	<ul style="list-style-type: none"> - Values - Diagrams - Tables - Windrose - Time - Date
Compatibility	
Connectable instruments	<ul style="list-style-type: none"> - US-Anemometer - Datalogger - Clima Sensor - Weather station WSC11 - Wind display - etc.
System requirements	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

