Meinberg Radio Clocks
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VP100/20NET: Large NTP Display

Large LE-Display VP100/20NET and NTP slave clock.

Large display and NTP slave clock VP100/20 with good visibility and 50mm height LED characters. Text messages can be displayed: fixed, flashing or running characters, programmable via PC.

Key Features

- NTP Slave Clock
- 20 mA Interface
- 50mm LED Display for Time and Date
- RS232 interface
- Message Editor for Windows Operating Systems

Characteristics

Display	LED-Matrix Display (7 dots high) for time and date 50mm character height Without RF signal the clock runs on XTAL with an accuracy of $\pm1\cdot10\text{-}5$, indicated by LED
Interface	One serial RS232/20mA interface
Data format of interfaces	Baudrate: 9600 Baud Dataformat: 7E2 1 active/passive 20mA current loop output (selectable) 1 active/passive 20mA current loop input (selectable) [1]Output string: 32 ASCII characters with date, time and status information
Physical dimensions	996mm x 100mm x 60mm (width x height x depth)
Electrical connectors	* 3 x 25-pin DSub female connector: PC IN, IN: Auxiliary inputs - for servicing purposes only OUT: Output for the time and message telegrams * 1 x 9-pin DSub female connector: Relay: Terminal Outputs * 10Base-T: Network connector, RJ-45 * 230 V: Euro Socket for mains connections
Power supply	85-264VAC (50/60Hz) / 120-375VDC
Backup battery type	In case of supply voltage failure the on-board RTC keeps the time based on XTAL for more than 100 hours
Form Factor	Plastic coated steel sheet case, black (optional: white), protection, IP30 protected
Ambient temperature	0 ... 50°C / 32 ... 122°F
Humidity	Max. 85%
Scope of supply	VP100/20 LE-Display, printed manual, power cord and angle brackets for wall mounting (for a vertically swiveling display).
Warranty	Two-Year Warranty
RoHS-Status of the product	This product is fully RoHS compliant
WEEE status of the product	This product is handled as a B2B category product. In order to secure a WEEE compliant waste disposal it has to be returned to the manufacturer. Any transportation expenses for returning this product (at its end of life) have to be incurred by the end user, whereas Meinberg will bear the costs for the waste disposal itself.

Manual

The english manual is available as a PDF file: [2]Download (PDF)

Links:

[1] https://www.meinbergglobal.com/english/products/specs/timestr.htm
[2] https://www.meinbergglobal.com/download/docs/manuals/english/vp100-net.pdf