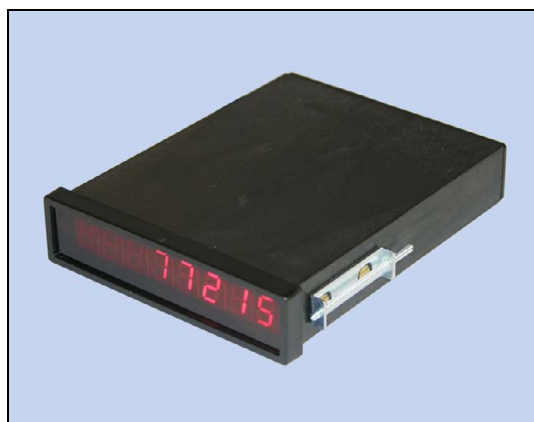
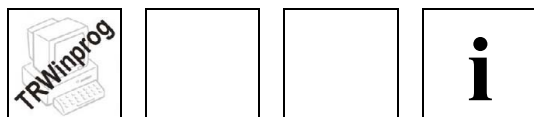


## Display TA-MINI-UNI

Eglshalde 6  
D-78647 Trossingen  
Tel. +49 - (0) 74 25 / 228 - 0  
Fax +49 - (0) 74 25 / 228 - 33  
http://www.tr-electronic.de  
Germany



- **Order No.: 485-80020**
- **8-digit Master/Slave display unit for front panel mounting**
- **Programmable via the USB interface and PC user program TRWinProg**
- **Integrated SSI interface, switchable as SSI Master, SSI Slave and Monitor operation**
- **Device connection for the protocols TRWinProg, EprogW32, LTProg and LLB-60**
- **Cascading of several slave displays**

## Characteristics

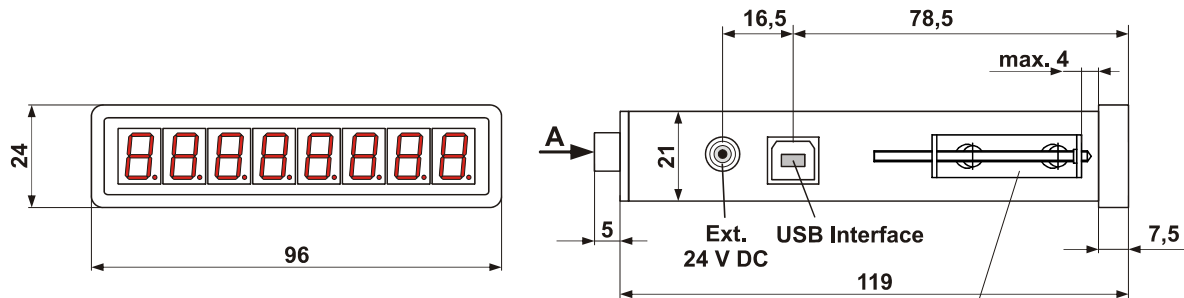
Supply voltage.....	11...30 V DC
Current consumption without load .....	< 350 mA
Display .....	7-segment LED, 8-digit, height 10 mm
Device connection <sup>1)</sup>	
- RS485.....	Protocols: TRWinProg, EprogW32, LTProg
- RS422.....	Protocols : LLB-60
- SSI.....	SSI frequency: 100 kHz...750 kHz SSI code: Gray, Binary SSI data bits: 12...31 Mono time: > 20 µs
Programming of the display	
- USB interface .....	PC user program TRWinProg, WINDOWS® compatible
- Alternative via RS485.....	by means of the USB/RS485 PC adapter and TRWinProg
Display parameter <sup>1)</sup>	
- Decimal point.....	Point shifting 0...7 digits
- Leading zeros .....	visible/not visible
- Output.....	Decimal with/without sign, HEX, Binary
- Refresh time .....	50 ms...2000 ms
- Display capacity.....	≤ 26 Bit
- Unit .....	mm/Inch
- Options for slave display .....	adjustments of the Master, user specific adjustments
- Offset.....	independent display offset
- Scaling.....	user specific scaling of the display
- Count direction .....	user specific presetting for the counting direction
- Warning level for supply voltage.....	Level presetting for TA-MINI-UNI supply voltage
Standard housing.....	impact-resistant plastic
Dimensions (WxHxD).....	96 mm x 24 mm x 120 mm without connector
Mounting dimensions front panel .....	92.5 <sup>+0.5</sup> mm x 21.5 <sup>+0.5</sup> mm x 167 mm with connector, thickness of front panel ≤ 4 mm
Mass.....	typically 0.2 kg

<sup>1)</sup> programmable

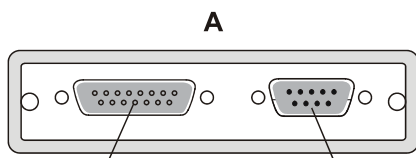
**Environmental conditions**

Working temperature ..... 0 °C...+60 °C  
Protection class, DIN EN 60529:1991 <sup>2)</sup> ..... IP 43

<sup>2)</sup> valid with screwed on mating connector and / or screwed together cable gland

**Dimension drawing**


Mounting is performed from rear using the clamps which are attached at the sides of the housing.  
For mounting the clamps can be removed.



**D-SUB  
15-pol. female**

- PC adapter, RS485
- PT-100, RS485
- Slave Display, RS485
- LLB-60, RS232

**D-SUB  
9-pol. male**

- Device connection**
- TRWinProg, RS485
  - Eprog, RS485
  - LTProg, RS485
  - LLB-60, RS422
  - SSI