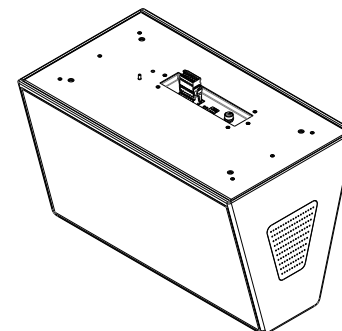


# AIPDB1185WEDA/01

TFT Panel for Rolling Stock 18.5"

- **2 × 18,5", 1366 × 768, TFT LED LCD**
- **Ethernet 10/100 Mbps M12**
- **Power supply 24 V DC with GI**
- **Mounting to ceiling**
- **Designed in accordance with EN 50155**



## TECHNICAL DATA

<b>Display</b>	2 × 18,5", 1366 x 768, TFT LED LCD
Brightness, contrast	Typically 350 cd/m <sup>2</sup> , typically 1000:1
Observing angles	170° horizontal, 50° upper, 80° lower *)
Backlighting / lifetime	LED / min. 50 000 hrs. **)
<b>Ethernet</b>	1 ×
Communication rate	10/100 Mbps
Connector	M12 4-pin D-coded
<b>Light sensor</b>	1 ×
<b>USB</b>	2 × USB 2.0
Connector	Type A
<b>Power supply</b>	16.8 V DC to 30 V DC
Nominal voltage	24 V DC
Galv. isolation, isolation strength	Yes, 500 V AC / 1 min. #)
Maximum power consumption	1.2 A at 24 V DC
Connection point	WAGO 769-664/003-000
<b>SW package</b>	Linux OS
<b>Miscellaneous</b>	
Mechanics	Laminate cover
Mounting	To the ceiling
Cover rate	IP20
Operation temperature	0 °C to 50 °C
Storage temperature	-20 °C to 60 °C
Maximum ambient humidity	< 95 % non-condensing
Weight	15.3 kg
Dimensions (w × h × d)	(480 × 300 × 286) mm
Expected MTBF	Min. 150 000 h

\*) For contrast ratio  $\geq 10:1$ .

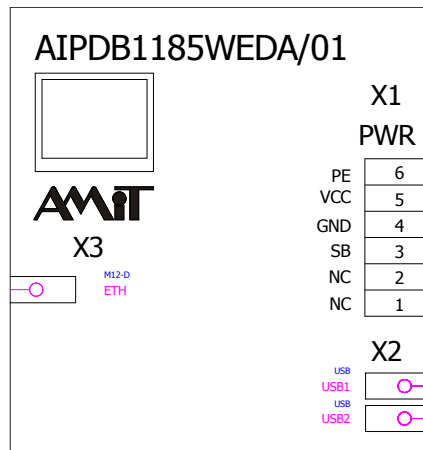
\*\*) Brightness decrease to 50 % during operation and ambient temperature of 25 °C.

#) Isolation may not be used for dangerous voltage separation.

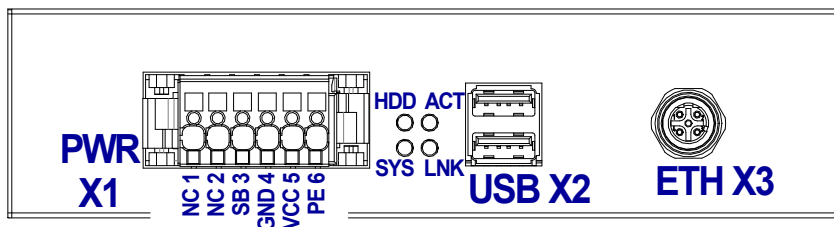
## ORDERING INFORMATION

<b>AIPDB1185WEDA/01</b>	Information panel, WAGO connector counterpart, Routine testing protocol, Insulation testing protocol, Certificate of product quality and completeness
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## RECOMMENDED DRAWING SYMBOL

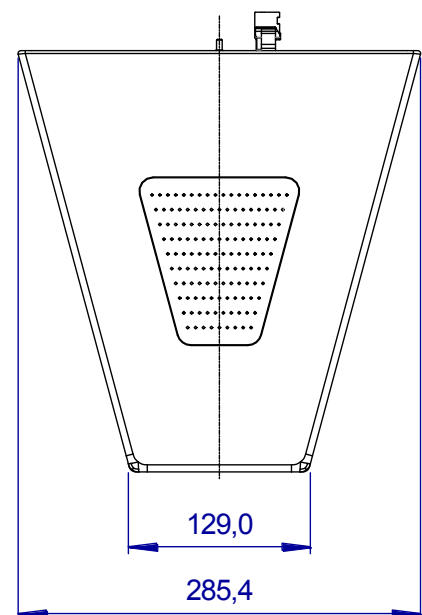
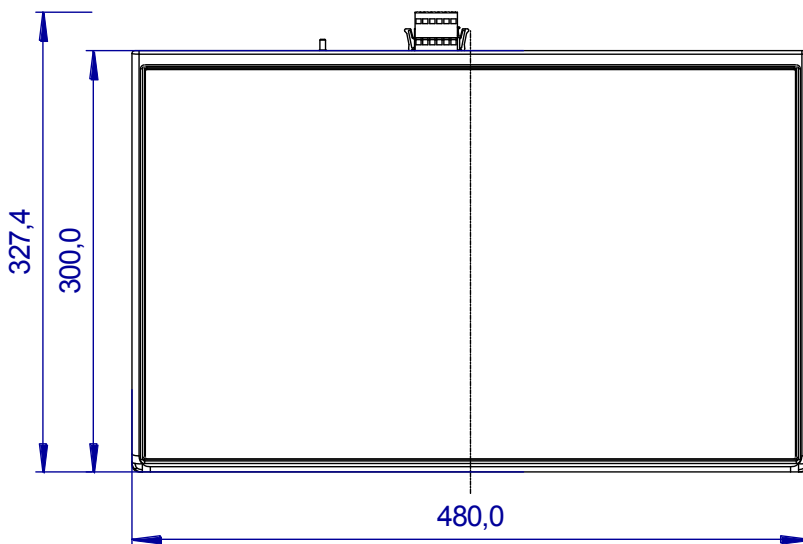


## CONNECTORS



## DIMENSIONS

All dimensions are in [mm].



Data provided in this datasheet is tentative. Detailed information can be found in operational manual ([aipdb1185weda01\\_g\\_en\\_xxx.pdf](#)).  
 Documentation can be downloaded from [www.amit-transportation.com](http://www.amit-transportation.com) website.