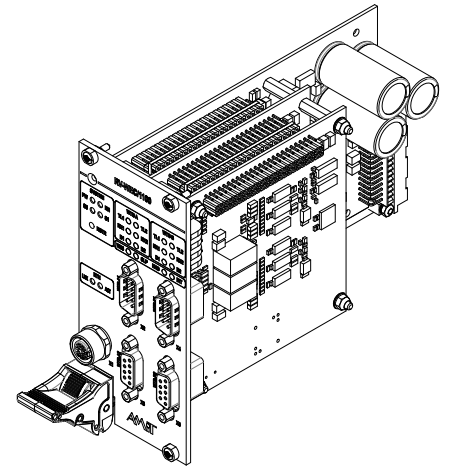


# RV-WE/1000

WTB / Ethernet gateway

- 1 × WTB interface (with doubled line)
- 1 × Ethernet 100 Mbps (connector M12)
- Optional unit redundancy
- Internal communication interface RAVA BUS
- Mounting in to 19" subrack RV-RC0xx
- Design according to EN 50155:2007
- WTB interface meets requirements of IEC 61375-2-1:2012



## TECHNICAL DATA

<b>WTB interface</b>	1 × (doubled line)
Communication rate	1 Mbps ±0.01 %
Galvanic separation <sup>1)</sup>	Yes, 1000 V AC / 1 minute
Connection point	4 × D-sub DE-9 connector fixing by M3 bolt
<b>Ethernet interface</b>	1 ×
Communication rate	100 Mbps
Galvanic separation <sup>1)</sup>	Yes, 1000 V AC / 1 minute
Connection point	M12 connector, 4 pins, D coded
<b>Current / maximum power consumption</b>	Internal 24 V DC from subrack / 600 mA
<b>Others</b>	
Mechanics	Subrack <b>RV-RC0xx</b> plug-in card
Number of occupied subrack positions	3
Ingress protection rate	IP20 (when installed)
Operating temperature range	-40 °C to 70 °C
Storage temperature range	-40 °C to 70 °C
Maximum ambient humidity	< 95 % non-condensing
Weight	0.38 kg
Dimensions in standard units (w × h) <sup>2)</sup>	12 HP × 3 U
Dimensions (w × h × d)	(61 × 131 × 208) mm

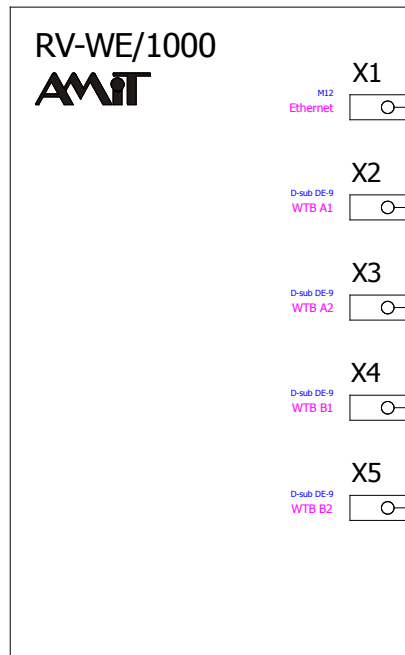
<sup>1)</sup> Galvanic separation must not be used for dangerous voltage separation.

<sup>2)</sup> 1 HP (horizontal pitch) = 0.2 inch (5.08 mm),  
1U (rack unit) = 1.75 inch (44.45 mm).

## ORDERING INFORMATION

<b>RV-WE/1000</b>	WTB / Ethernet gateway, Certificate of product quality and completeness, Routine testing protocol, Insulation testing protocol.
<b>M12M04D-MC/A</b>	Crimping M12 cable connector, male 4 pins, D coding

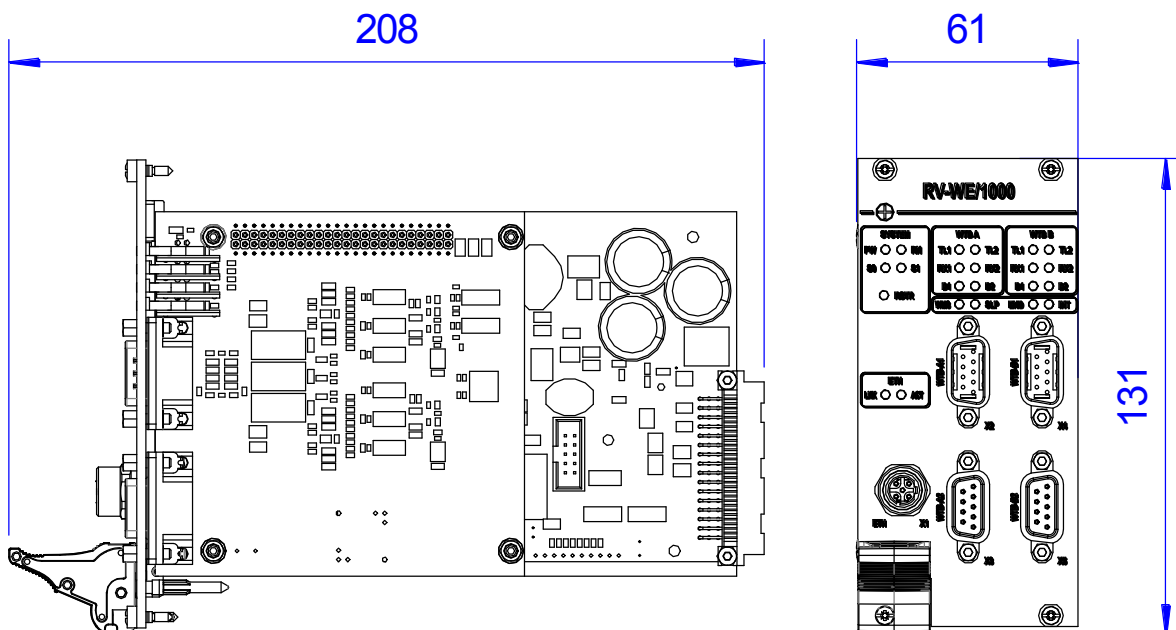
## RECOMMENDED DRAWING SYMBOL



## LIST OF CONNECTORS

Connector	Label	Meaning
X1	ETH	Ethernet
X2	WTB A1	WTB line A, direction 1
X3	WTB A2	WTB line A, direction 2
X4	WTB B1	WTB line B, direction 1
X5	WTB B2	WTB line B, direction 2

## MECHANICAL DIMENSIONS



Data provided in this datasheet are only informative. Detailed information can be found in operational manual ([rv-we1000\\_g\\_en\\_xxx.pdf](#)). Documentation and examples can be downloaded from [www.amit-transportation.cz](http://www.amit-transportation.cz) web site.