



DATASHEET

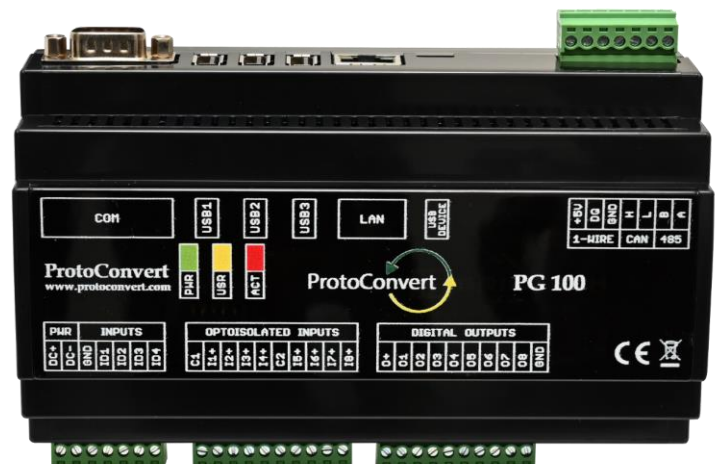
PG100

ProtoConvert's PG100 Gateway model is an excellent solution that enables communication between networks or devices on different Building Automation Protocols like BACnet IP, BACnet MSTP, MQTT, Modbus RTU, Modbus TCP, SNMP, OPC DA, Minerva, OPC UA, Agilent etc. This is high-performance, fully configurable and cost-effective. The PG100 comes with 1000 read and write points.

PG100 gateway supports conversion between protocols like BACnet IP, BACnet MSTP, Modbus TCP/IP, Modbus RTU, SNMP, MQTT, JSON, OPC DA, Minerva, OPC UA, Agilent, Hochiki EN, Email, SMS, Telnet, Veeder root, Hochiki MCE, CAN and many more.

Key Features

- BCM2836x Processor
- 1GByte RAM
- 4Gbyte EMMC Flash
- Ability to interface up to 5000 read/write data points.
- Real Time Clock with battery backup
- Robust design
- DIN rail enclosure with optional wall mount bracket
- Meets requirements of EN 61326-1:2013 for basic and industrial electromagnetic environments
- Created for long life.



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GSTN: 24AGWPV2400P1ZR

ABN: 36516184264





Applications

- Control and automation systems
- Home automation
- Building management systems
- Process control
- Industrial automation
- Machine control
- Industrial control networks
- Monitoring

Technical Specifications

Features	PG100
SoC	BCM2836x
RAM	1GByte
eMMC Flash	4Gbyte
Power Supply Voltage	12 to 24 VDC
Power Supply Current	0.5 A
Ethernet	1
RS-232	1
RS-485	1
CAN	1
Opto-isolated inputs	8
Dry contact inputs	4
Open drain outputs	8
EMC	EN 55011 group 1 class A and B
Operating Temperature	0 °C ~ 50 °C
EU standard	EN 61326-1:2013
Operating Relative Humidity	5 ~ 95%, non-condensing
Storage Temperature	-25 °C ~ 80 °C
Protection Rating	IP20
Enclosure Mount	Din-rail, wall mount

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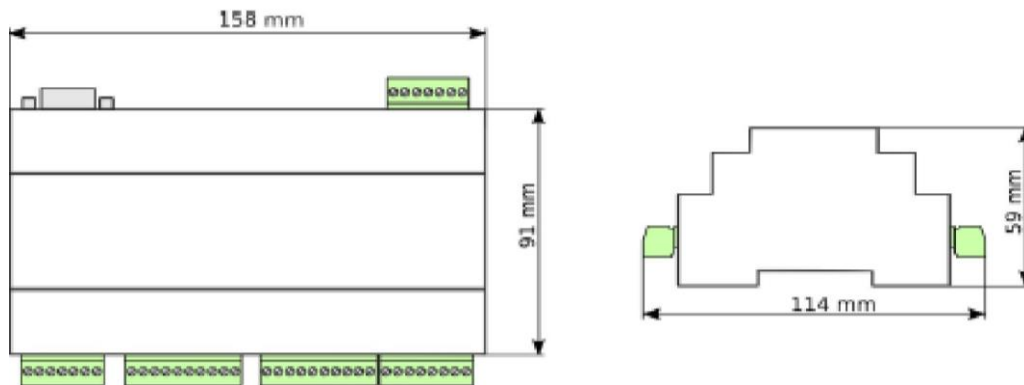
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Dimensions : 158 x 114 x 59 mm



Environmental protection & Certification



This marking on the product, accessories or literature indicates that the product and its electronic accessories should not be disposed of with other household waste. To prevent possible harm to the environment please separate these items from other types of waste and recycle them responsibly to promote the sustainable reuse of material resources.



CE marking is a certification mark that indicates conformity with health, safety, and environmental protection standards for products sold within the European Economic Area (EEA). The CE marking is also found on products sold outside the EEA that are manufactured in, or designed to be sold in, the EEA.

EN 61326-1:2013, EMC standard for measurement, control and laboratory use is changing from the previous version dated 2006. This new version will likely be mandatory in 2015 after which the 2006 version of this standard will be withdrawn and can no longer be used to meet the essential requirements of the EMC Directive.

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