

Item no.: 384716

## MGATE 4101I-MB-PBS-T - 1-port Modbus-to-PROFIBUS slave gateway with 2 kV insulation, 12 to 48 VDC

from **797,51 EUR**

Item no.: 384716  
shipping weight: 0.50 kg  
Manufacturer: MOXA



### Product Description

With our fieldbus gateway solutions, you can connect industrial serial devices in a system quickly, easily and reliably. Thanks to their intelligent functionality, you can effortlessly connect your Modbus and PROFIBUS devices. 1-Port Modbus-to-PROFIBUS slave gateway with 2 kV isolation, 12 to 48 VDC, -40 to 75°C operating temperature

Serial Interface- Console Port RS-232 (TxD, RxD, GND), 8-pin RJ45 (115200, n, 8, 1)- No. of Ports 1- Connector DB9 male- Serial Standards RS-232/422/485- Baudrate 50 bps to 921.6 kbps- Data Bits 7, 8- Parity None, Even, Odd, Space, Mark- Stop Bits 1, 2- Flow Control DTR/DSRRTS/CTS- RS-485 Data Direction Control Automatic Data Direction Control (ADDC)- Pull High/Low Resistor for RS-485 1 kilo-ohm, 150 kilo-ohms- Terminator for RS-485 120 ohms- Isolation 2 kV (I models) Serial Signals- RS-232 TxD, RxD, RTS, CTS, DTR, DSR, DCD, GND- RS-422 Tx+, Tx-, Rx+, Rx-, GND- RS-485-2w Data+, Data-, GND- RS-485-4w Tx+, Tx-, Rx+, Rx-, GND

Serial Software Features- Configuration Options MGate Manager- Industrial Protocols Modbus RTU/ASCII Master Modbus RTU/ASCII Slave PROFIBUS DP-V0 Slave Modbus RTU/ASCII- Mode Master, Slave- Functions Supported 1, 2, 3, 4, 5, 6, 15, 16, 23- Max. No. of Commands 100- Input Data Size 7744 bytes- Output Data Size 7744 bytes

PROFIBUS Interface- Industrial Protocols PROFIBUS DP- No. of Ports 1- Connector DB9 female- Baudrate 9600 bps to 12 Mbps- Isolation 2 kV (built-in)- Signals PROFIBUS D+, PROFIBUS D-, RTS, Signal Common, 5V

PROFIBUS- Rotary Switch PROFIBUS addresses 0-99 (addresses 100-125 supported through software configuration)- Mode DP-V0 Slave- Max. No. of Master Connections 1- Max. No. of PROFIBUS I/O Modules 24 per page- Max. No. of PROFIBUS Pages 32- Input Data Size 7744 bytes- Output Data Size 7744 bytes

Power Parameters- Input Voltage 12 to 48 VDC- Input Current 275 mA @ 12 VDC- Power Connector Screw-fastened Euroblock terminal Relays- Contact Current Rating Resistive load: 1 A @ 24 VDC

Physical Characteristics- Housing Metal- Dimensions 36 x 105 x 140 mm (1.42 x 4.14 x 5.51 in)- Weight 500 g (1.10 lb)- IP Rating IP30

Note: It is recommended to attach the M3x3mm Nylok screws at the rear side

Environmental Limits- Operating Temperature -40 to 75°C (-40 to 167°F)- Storage Temperature (package included) -40 to 85°C (-40 to 185°F)- Ambient Relative Humidity 5 to 95% (non-condensing)

Standards and Certifications- EMC EN 55032/35- EMI CISPR 32, FCC Part 15B Class A- EMS IEC 61000-4-2 ESD: Contact: 6 kV; Air: 8 kV IEC 61000-4-3 RS: 80 MHz to 1 GHz: 3 V/m IEC 61000-4-4 EFT: Power: 2 kV; Signal: 1 kV IEC 61000-4-5 Surge: Power: 2 kV; Signal: 2 kV IEC 61000-4-6 CS: 150 kHz to 80 MHz: 10 V/m; Signal: 10 V/m IEC 61000-4-8 PFMF- Safety IEC 60950-1 IUL 60950-1 IEC 62368-1 IUL 62368-1- Hazardous Locations ATEX Class I Division 2 IECEx- Freefall Freefall IEC 60068-2-32- Shock IEC 60068-2-27- Vibration IEC 60068-2-6 IEC 60068-2-64 MTBF- Time MGate 4101-MB-PBS models: 1,537,948 hrs MGate 4101I-MB-PBS models: 1,315,666 hrs- Standards Telcordia SR332

### Specifications

Scan this QR code to  
view the product  
All details, up-to-date  
prices and availability

