

Item no.: 384719

MGATE 5101-PBM-MN - 1-port PROFIBUS master to Modbus TCP gateway, 12 to 48 VDC

from **960,55 EUR**

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shipping weight: 0.50 kg
Manufacturer: MOXA



Product Description

Whether single or multiple serial ports, Moxa's Modbus TCP gateway solutions convert data on networks between Modbus RTU/ASCII, Modbus TCP, DNP3, CANopen, J1939, PROFIBUS, BACnet/IP, IEC 101/104 and IEC 61850, making configuration, troubleshooting and conversion quick and easy. 1-Port PROFIBUS Master to Modbus TCP Gateway, 12 to 48 VDC, 0 to 60°C operating temperature Ethernet Interface- 10/100BaseT(X) Ports (RJ45 connector) 1 (auto MDI/MDI-X connection)- Magnetic Isolation Protection 1.5 kV (built-in) Ethernet Software Features- Industrial Protocols Modbus TCP Client (Master) Modbus TCP Server (Slave)- Configuration Options Configuration Options Web Console (HTTP/HTTPS) Device Search Utility (DSU) MGate Manager Telnet Console- Management ARP DHCP Client DNS HTTP PTP SSMTP SNMP Trap SNMP v1/v2c/v3 TCP/IP Telnet SSH UDP NTP Client- MIB RFC1213, RFC1317- Time Management NTP Client Security Functions- Authentication Local database- Encryption HTTPS AES-128 AES-256 SHA-256- Security Protocols SNMP v3 SNMP v2c Trap HTTPS (TLS 1.3) Serial Interface- Console Port RS-232 (Tx, Rx, RTS, CTS, DTR, DSR, DCD, GND), DB9 male (115200, n, 8, 1) Serial Software Features- Configuration Options Serial Console- Industrial Protocols PROFIBUS DP-V1 Master Modbus TCP- Mode Client (Master), Server (Slave)- Functions Supported 1, 2, 3, 4, 5, 6, 15, 16, 23- Max. No. of Client Connections 16- Max. No. of Server Connections 32- Max. No. of Commands 100- Input Data Size 1536 bytes- Output Data Size 1536 bytes PROFIBUS Interface- Industrial Protocols PROFIBUS DP- No. of Ports 1- Connector DB9 female- Signals PROFIBUS D+, PROFIBUS D-, RTS, Signal Common, 5V- Baudrate 9600 bps to 12 Mbps- Isolation 2 kV (built-in) PROFIBUS- Mode DP-V1 Master- Input Data Size 1536 bytes- Output Data Size 1536 bytes Power Parameters- Input Voltage 12 to 48 VDC- Input Current 365 mA @ 12 VDC- Power Connector Screw-fastened Euroblock terminal Relays- Contact Current Rating Resistive load: 2 A @ 30 VDC Physical Characteristics- Housing Metal- IP Rating IP30- Dimensions 36 x 105 x 140 mm (1.42 x 4.14 x 5.51 in)- Weight 500 g (1.10 lb) Environmental Limits- Operating Temperature 0 to 60°C (32 to 140°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: 4 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 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 UL 60950-1 EN 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 1,082,881 hrs- Standards Telcordia SR332

Specifications

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prices and availability

