

Item no.: 384629

## MGATE MB3170I-M-SC - 1-port advanced Modbus gateway with 1 100BaseF(X) multi-mode fiber port (SC conn)

from **453,24 EUR**

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shipping weight: 0.40 kg  
Manufacturer: MOXA



### Product Description

Whether single or multiple serial ports, Moxa's Modbus TCP gateway solutions convert data in 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 advanced Modbus gateway with 1 100BaseF(X) multi-mode fiber port (SC connectors) and 2 kV optical isolation, 0 to 60°C operating temperature Ethernet Interface 10/100BaseT(X) Ports (RJ45 connector)- 2 (1 IP, Ethernet cascade)- 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- Web Console (HTTP/HTTPS)- Device Search Utility (DSU)- MGate Manager- MCC Tool- Telnet Console Management- ARP- DHCP Client- DNS- HTTP- HTTPS- SMTP- SNMP Trap- SNMPv1/v2c/v3- TCP/IP- Telnet- 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- SNMPv3- HTTPS (TLS 1.2) Serial Interface No. of Ports- 1 Connector- DB9 male for RS-232 and terminal block for RS-422/485 Serial Standards- RS-232/422/485 (software selectable) Baudrate- 50 bps to 921.6 kbps Data Bits- 7, 8 Parity- None- Even- Odd- Space- Mark Stop Bits- 1, 2 Flow Control- DTR/DSR- RTS Toggle (RS-232 only)- RTS/CTS Pull High/Low Resistor for RS-485- 1 kilo-ohm, 150 kilo-ohms Terminator for RS-485- 120 ohms Isolation- 2 kV RS-485 Data Direction Control- ADDC (automatic data direction control) Serial Signals RS-232- Tx, Rx, D, RTS, CTS, 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 Industrial Protocols- Modbus RTU/ASCII Master- Modbus RTU/ASCII Slave Modbus (Transparent) Max. No. of Client Connections- 32 Max. No. of Server Connections- 32 Power Parameters Input Voltage- 12 to 48 VDC Input Current- 555 mA @ 12 VDC Power Connector- 7-pin terminal block Relays Contact Current Rating- Resistive load: 1 A @ 30 VDC Physical Characteristics Housing- Plastic IP Rating- IP30 Dimensions (with ears)- 29 x 89.2 x 124.5 mm (1.14 x 3.51 x 4.90 in) Dimensions (without ears)- 29 x 89.2 x 118.5 mm (1.14 x 3.51 x 4.67 in) Weight- 360 g (0.79 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: 6 kV; Air: 8 kV- IEC 61000-4-3 RS: 80 MHz to 1 GHz; 10 V/m- IEC 61000-4-4 EFT: Power: 4 kV; Signal: 2 kV- IEC 61000-4-5 Surge: Power: 2 kV- IEC 61000-4-6 CS: 10 V- IEC 61000-4-8 PFMF- IEC 61000-4-11 Hazardous Locations- ATEX- Class I Division 2- IECEx Maritime- DNV Freefall- IEC 60068-2-32 Shock- IEC 60068-2-27 Vibration- IEC 60068-2-6- IEC 60068-2-64 Safety- UL 60950-1- IEC 60950-1- EN 62368-1- UL 508 MTBF Time- 1,385,414 hrs Standards- Telcordia SR332

### Specifications

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prices and availability

