



#### Features

- ✓ Remote access to Ethernet-enabled devices such. PLC, HMI, IP camera
- ✓ WAN, WIFI, 3G or LTE variants available
- ✓ WAN interface for fail-over operation (3G, LTE and Wifi)
- ✓ Space saving and compact
- ✓ Integrated 4-port LAN switch
- ✓ Integrated firewall
- ✓ Digital inputs and outputs for establishing a connection, status display and alarm
- ✓ Easy and fast configuration via the myREX24 VPN portal
- ✓ Read, visualize, alarm and log data from PLC
- ✓ Remotely maintain USB devices over the Internet
- ✓ DHCP server, DNS server, Dyn DNS, NTP server, PPP server (DSL modem)

## Industrial-Router REX 200 with WAN WiFi

More than just remote maintenance! With REX industrial routers, you can access all components in your machine. Set up simple alerts and use your smartphone to access services within the system - such as websites or VNC-enabled components.

The REX 200 routers are designed for operation in conjunction with the myREX24 V2 portal: The complete parameterization and remote maintenance is carried out via the portal. In addition to remote maintenance, the REX 200 routers can also read data from the PLC, visualize and generate alarms. For remote maintenance and data transmission, the industrial router uses an encrypted VPN tunnel based on the secure OpenVPN protocol.

With the 4 digital inputs, alarms can be sent via SMS and email via the myREX24 V2 Portal. The 2 digital outputs can be system states of the router, e.g. with a lamp on the control cabinet, or can be activated via the portal.

The USB host interface available on all devices enables the connection of USB device devices (eg programming interface of a drive) via the remote maintenance tunnel (USB-over-IP).

The REX 200 WiFi establishes the connection to the myREX 24 V2 portal via WLAN. Additional Ethernet devices can be connected to the router via the integrated 4-port switch. For data transmission, our industrial router uses an encrypted VPN tunnel based on the secure OpenVPN protocol.

#### General information

|              |                                                 |
|--------------|-------------------------------------------------|
| Order number | 700-877-WIF02                                   |
| Article name | REX 200 WiFi, 4 x LAN (Switch)/1 x WAN/1 x WiFi |

|                    |                                 |
|--------------------|---------------------------------|
| Scope of delivery  | REX 200 WiFi, Quick Start Guide |
| Dimensions (DxWxH) | 35 x 89 x 75 mm                 |
| Weight             | Approx. 220 g                   |
| Status indicator   | 4 LEDs, function status         |
|                    | 8 LEDs, Ethernet status         |
| Voltage supply     | 24 V DC, 18... 28 V DC          |
| Current draw       | max. 100 mA @ DC 24 V           |

#### WAN interface

|                   |                      |
|-------------------|----------------------|
| Number            | 1                    |
| Type              | 10-Base-T/100-Base-T |
| Connection        | RJ45 socket          |
| Transmission rate | 10/100 Mbps          |

#### LAN interface

|                   |                      |
|-------------------|----------------------|
| Number            | 4                    |
| Type              | 10-Base-T/100-Base-T |
| Connection        | RJ45 socket          |
| Transmission rate | 10/100 Mbps          |

#### USB interface

|            |              |
|------------|--------------|
| Number     | 1            |
| Protocol   | USB 2.0 Host |
| Connection | USB-A-socket |

#### VPN

|                       |                                |
|-----------------------|--------------------------------|
| VPN protocol          | IPsec/PPTP/OpenVPN, 64 tunnels |
| Encryption Method     | Blowfish, AES, DES/3DES        |
| Encryption algorithms | MD5, SHA1                      |
| Authentication        | Pre-shared key, X.509          |

#### Network/security

|           |                                                          |
|-----------|----------------------------------------------------------|
| Firewall  | 1:1 NAT, IP filter, port forwarding, stateful inspection |
| IP router | NAT IP, TCP/IP routing, IP forwarding                    |

|          |                                                                      |
|----------|----------------------------------------------------------------------|
| Services | DHCP server, DHCP client, DNS server, NTP client, PPP server, DynDNS |
|----------|----------------------------------------------------------------------|

|                 |            |
|-----------------|------------|
| Time comparison | NTP server |
|-----------------|------------|

#### Ambient conditions

|                     |                   |
|---------------------|-------------------|
| Ambient temperature | -40 °C ... +75 °C |
|---------------------|-------------------|

|                                   |                   |
|-----------------------------------|-------------------|
| Transport and storage temperature | -40 °C ... +85 °C |
|-----------------------------------|-------------------|

|                       |                          |
|-----------------------|--------------------------|
| Relative air humidity | 0 to 95%, non-condensing |
|-----------------------|--------------------------|

|                  |   |
|------------------|---|
| Pollution degree | 2 |
|------------------|---|

|                   |      |
|-------------------|------|
| Protection rating | IP20 |
|-------------------|------|

|           |    |
|-----------|----|
| Approvals | CE |
|-----------|----|