



Features

- ✓ Integrated firewall
- ✓ Digital inputs for establishing a connection and issuing alarms
- ✓ USB-over-IP
- ✓ Space-saving compact size
- ✓ Integrated 3-port LAN switch
- ✓ Additional WAN port
- ✓ Secure OpenVPN remote maintenance access via myREX24 V2 portal

Industrial-Router REX 100 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 100 routers are systematically designed to operate in conjunction with the myREX24 V2 portal: All programming and remote maintenance is carried out exclusively through the portal.

With the digital inputs, alarms can be sent via the myREX24 V2 portal as SMS and e-mail.

The USB host port present in all devices enables the connection of USB devices (e.g. programming port of a drive) via the remote maintenance tunnel (USB-over-IP).

The REX 100 WiFi establishes the connection with the myREX 24 V2 portal via WLAN. Additional Ethernet participants can be connected at the router via the integrated 3-port switch. For data transmission, our industrial router uses an encrypted VPN tunnel on the basis of the secure OpenVPN protocol.

General information

Order number	700-875-WIF51
Article name	REX 100 WiFi, 3 x LAN (switch)/1 x WAN/1 x WiFi interface
Scope of delivery	REX 100 WiFi, Quick Start Guide
Dimensions (DxWxH)	37 x 58,5 x 76,5 mm
Weight	Approx. 130 g

Status indicator	4 LEDs, function status
	8 LEDs, Ethernet status
Voltage supply	24 V DC, 18–30 V DC
Power dissipation	Max. 2.9 W

I/O

Amount	2
Type	24 V (DC), as per DIN EN 61131-2 Type 2

WAN interface

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

WiFi interface

Type	IEEE802.11b/g & 802.11n (1T1R mode), to 150 Mbps
Frequency range	EU (2,412 GHz - 2,472 GHz, 1-13 channels)
	USA (2,412 GHz-2,462 GHz, 1-11 channels)
Transmission speed	802.11b: 1,2,5.5,11 Mbps
	802.11g: 6,9,12,18,24,36,48,54 Mbps
	802.11n: (20 MHz) MCS0-7, up to 72 Mbps
	802.11n: (40 MHz) MCS0-7, up to 150 Mbps
Wireless security methods	WPA/WP2, 64/128/152 bit WEP, WPS

LAN interface

Number	3
Type	10 Base-T/100 Base-T
Connection	RJ45 socket
Transmission rate	10/100 Mbps

USB interface

Protocol	USB 2.0 host
Connection	USB A socket

Ambient conditions

Ambient temperature	0 °C ... +60 °C
Transport and storage temperature	-40 °C ... +60 °C
Relative air humidity	95 % r H without condensation
Pollution degree	2
Protection rating	IP20
Approvals	CE