



## REX 100 Ethernet router

REX 100 WiFi, 4 x LAN (switch)/1 x WiFi

- Integrated firewall
- Digital inputs for establishing a connection and issuing alarms
- USB-over-IP
- Space-saving compact size
- Integrated 4-port LAN switch
- Secure OpenVPN remote maintenance access via myREX24 V2 portal

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 4-port switch. For data transmission, our industrial router uses an encrypted VPN tunnel on the basis of the secure OpenVPN protocol.

### Technical specifications

General information	
Order number	700-875-WIF01
Article name	REX 100 WiFi, 4 x LAN (switch)/1 x WiFi
Scope of delivery	REX 100 WiFi, Quick Start Guide
Dimensions (DxWxH)	32 x 59 x 76 mm
Weight	Approx. 130 g
Number of inputs   type	2   24 V (DC), as per DIN EN 61131-2 Type 2
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	4
Type	10 Base-T/100 Base-T
Connection	RJ45 socket
Transmission rate	10/100 Mbps

<b>USB interface</b>	
Protocol	USB 2.0 host
Connection	USB A socket
Status indicator	4 LEDs, function status 8 LEDs, Ethernet status
Voltage supply	24 V DC, 18–30 V DC
Current draw	Max. 120 mA with DC 24 V
<b>Ambient conditions</b>	
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
Certifications	CE, UL
<b>CE</b>	
RoHS	Yes
REACH	Yes
<b>UL</b>	
UL	UL 61010-1/ UL 61010-2-201
Voltage supply	DC 24 V (18 ... 30 V DC, SELV and limited energy circuit)
Pollution degree	2
Altitude	Up to 2,000 m
Temperature cable rating	87 °C