



## REX 100 Ethernet Router

REX 100 WAN, 3 x LAN (switch)/1 x WAN interface

- Integrated firewall
- Digital inputs for establishing a connection and issuing alarms
- USB-over-IP
- Space-saving compact size
- Integrated 3-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 WAN is equipped with a WAN port with which the connection to the myREX 24 V2 portal is established. Additional Ethernet participants can be connected at the router to the other available RJ45 ports 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.

### Technical specifications

General information	
Order number	700-875-WAN01
Article name	REX 100 WAN, 3 x LAN (switch)/1 x WAN port
Scope of delivery	REX 100 WAN, Quick Start Guide
Dimensions (DxWxH)	32,5 x 58,5 x 76,5 mm
Weight	Approx. 130 g
Number of inputs   type	2   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
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

<b>Status indicator</b>	4 LEDs, function status 8 LEDs, Ethernet status
<b>Voltage supply</b>	24 V DC, 18–30 V DC
<b>Current draw</b>	Max. 250 mA bei DC 24 V
<b>Power dissipation</b>	Max. 2.4 W
<b>Ambient conditions</b>	
Ambient temperature	-40 °C ... +75 °C
Transport and storage temperature	-40 °C ... +85 °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