



## REX 100 Ethernet router

REX 100 LTE, 4 x LAN (switch)/1 x LTE modem (North America Version / „NAG“)

- 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
- Supports all of the usual mobile communications standards and is downwards-compatible where network coverage isn't present
- With integrated LTE modem

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 LTE is equipped with an LTE modem with which the connection to the myREX 24 V2 portal is established. 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-LTE11
Article name	REX 100 LTE, 4 x LAN (switch)/1 x LTE modem (Nordamerika-Version / „NAG“)
Scope of delivery	REX 100 LTE, 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
GSM modem	
GSM-Modem	Multiband GSM/GPRS/WCDMA/LTE data interface
Antenna terminal	SMA socket (exterior thread)
SIM card type	Standard SIM, 1.8 V/3 V
GSM frequency bands	GSM 900, DCS1800
UMTS frequency bands	B5(850), B8 (900), B1 (2100)
LTE frequency bands (MHz)	B20 (800), B3 (1800), B7 (2600)
Transmit power	Class 1, E2, 3, 4
Data transmission rate	HSPA+ (upload 5.76 Mbps   download 42.0 Mbps); LTE (upload 50 Mbps   download 100 Mbps)
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
<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. 200 mA with DC 24 V
<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