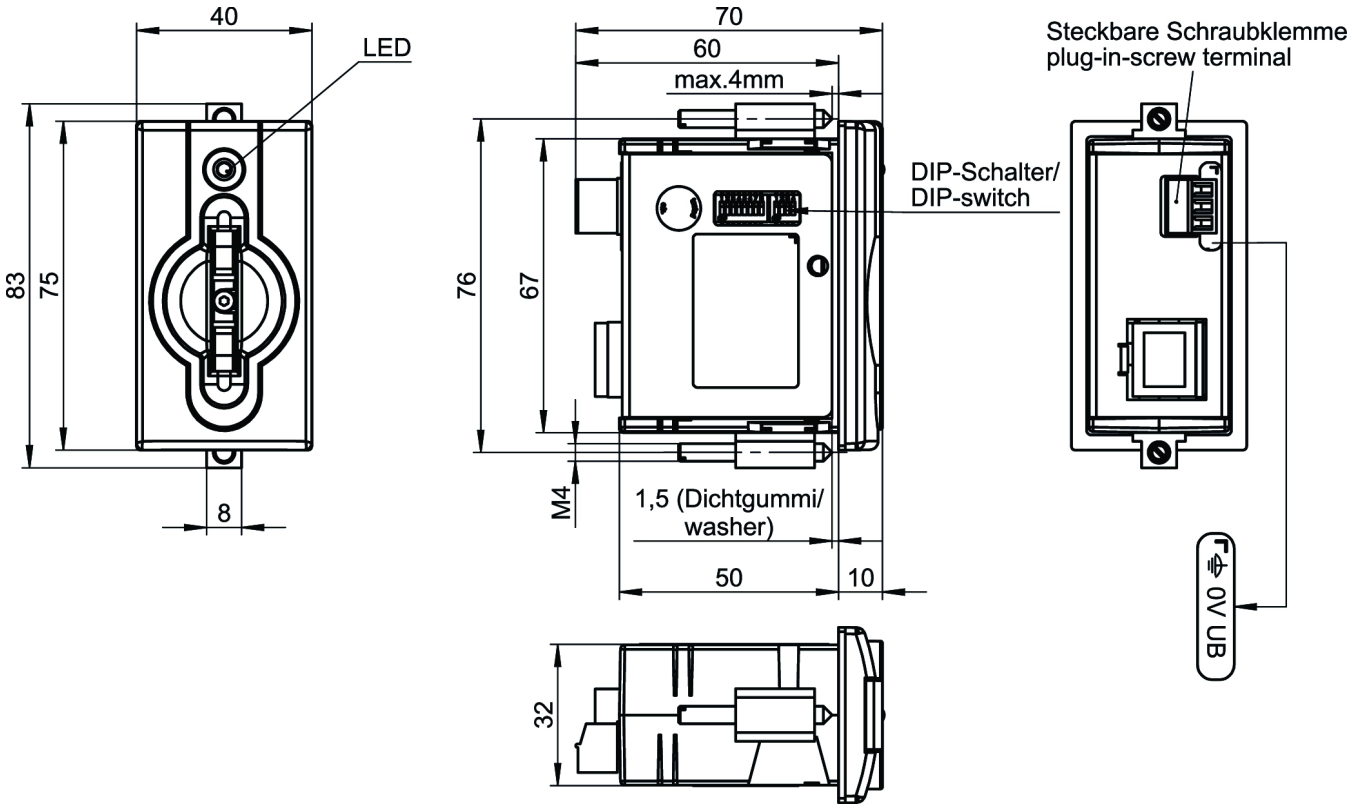
EKS-A-IEX-G01-ST02/03 (Order no. 100401)

Electronic-Key adapter with Ethernet TCP/IP interface

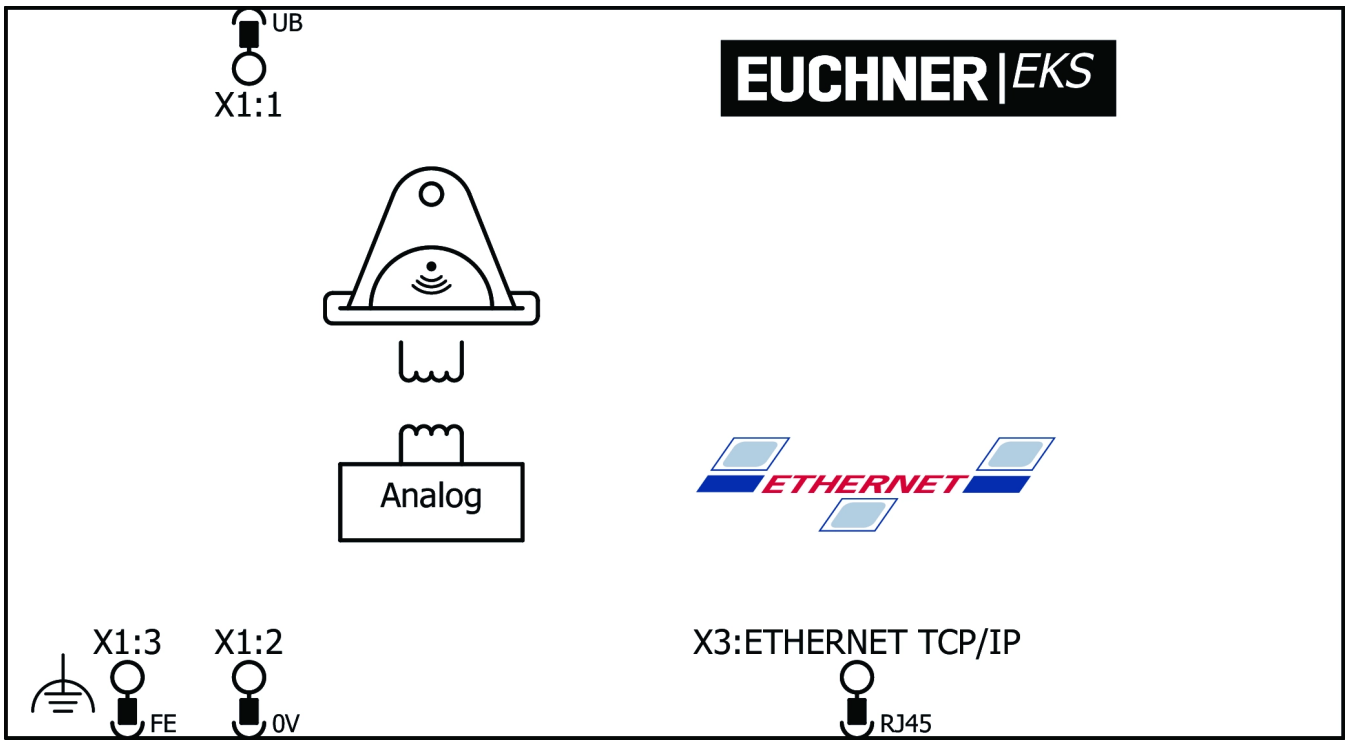


- Electronic-Key adapter with TCP/IP interface in housing G01
- Read/write system
- Remote mounting
- Electronic-Key adapter and electronics in one housing
- Transfers the data from the Electronic-Key to a control system for processing
- Connection to PC
- Open communication commands at the lowest level
- Connection to the user software possible via ActiveX® module under Windows®
- Various options for address assignment, also using DIP switches
- Very reliable retention of the Electronic-Key, even if there is heavy vibration
- Degree of protection: IP65/IP67 (installed)
- LED indicator

Dimensional drawings



Connection examples



Technical data

Approvals

Operating and display elements

LED display

green	operational
red	Error
yellow	Key in actuating range

Electrical connection values

	Power supply
Operating voltage DC	20 ... 24 ... 28 V DC
Current consumption	max. 150 mA
	Industrial Ethernet
Connecting cable	min. 2x2 twisted pair copper cable shielded, min. cat. 5

Mechanical values and environment

Installation orientation	on the front
Storage temperature	-25 ... 70 °C
Mounting cut-out	33 x 68 mm
Degree of protection	
in mounted condition (only access side)	IP67
Ambient temperature	0 ... 55 °C
Material	
Housing	PA6-GF30, gray
	Industrial Ethernet
Connection type	
	RJ-45 socket
	star topology wiring

Interface

	Industrial Ethernet
Data protocol	TCP/IP
Data rate	10/100 Mbit/s
Date interface	Ethernet (IEEE 802.3)

Downloads

All documentation for this material can be found on our website:
https://www.euchner.com/en-us/a/100401/?#downloads-tab

Ordering data

Ordernumber	100401
Item designation	EKS-A-IEX-G01-ST02/03
Gross weight	0,188kg
Customs tariff number	85365019000
ECLASS 11.0	27-39-90-90 Property, access monitor (other, unspecified)

Accessories

.NET

.NET Ethernet TCP/IP library



8000150
SW .NET ETHERNET TCP/IP LIBRARY

Protocol driver software for integrating the EKS Electronic-Key adapters with Ethernet TCP/IP interface into a PC application

EKS

ActiveX® module - Ethernet TCP/IP communication



8100665
SW EKS ACTIVEX-MODULE ETHERNET TCP/IP

Protocol driver software for integrating the EKS Electronic-Key adapters with Ethernet TCP/IP interface into a PC application in Windows

Electronic-Key

Electronic-Key read/write



077859
EKS-A-K1RDWT32-EU

Memory 116 bytes E²PROM (programmable) plus 8 bytes ROM (serial number)



084735
EKS-A-K1BKWT32-EU

Memory 116 bytes E²PROM (programmable) plus 8 bytes ROM (serial number)



091045
EKS-A-K1BUWT32-EU

Memory 116 bytes E²PROM (programmable) plus 8 bytes ROM (serial number)



094839
EKS-A-K1GNWT32-EU

Memory 116 bytes E²PROM (programmable) plus 8 bytes ROM (serial number)



094840
EKS-A-K1YEWT32-EU

Memory 116 bytes E²PROM (programmable) plus 8 bytes ROM (serial number)



123097
EKS-A-K1WHWT32-EU

Memory 116 bytes E²PROM (programmable) plus 8 bytes ROM (serial number)



123098
EKS-A-K1OGWT32-EU

Memory 116 bytes E²PROM (programmable) plus 8 bytes ROM (serial number)