

## ITEM 111230 EKS-A-IPB-G01-ST05/02

Description	Technical data	Accessories	Downloads
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### Features

- › Electronic-Key adapter with 4-bit parallel interface
- › Simple connection
- › Read-only system
- › Electronic-Key adapter and evaluation electronics in one housing
- › Reliable retention of the Electronic-Key, even if there is heavy vibration
- › Internal evaluation of the data from the Electronic-Key
- › Output of the access level via 4-bit parallel interface
- › Only operating state 0
- › Connection to PLC

### Approvals



### Mechanical values and environment

Housing material	PA6-GF30 gray/black
Ambient temperature	-20 ... 70 °C
Degree of protection	IP67 in installed state (only access side)
Mounting method	On the front
Mounting cut-out according to DIN 43700	33 x 68 mm

### Electrical connection ratings

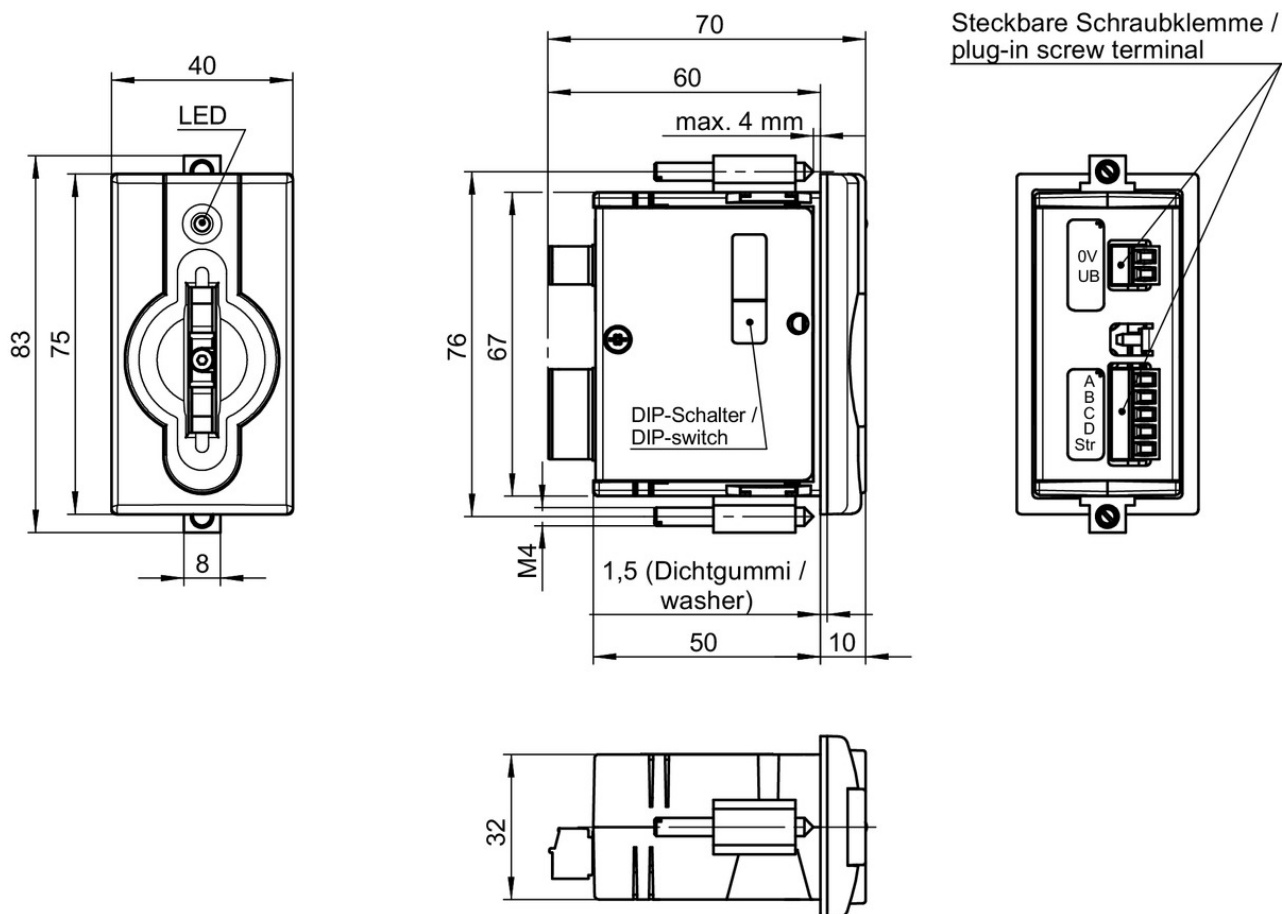
Connection cross-section	0,14 ... 1,5 mm <sup>2</sup>
LED indicator	
	Green Operational
	Yellow Key in operating distance
	Red Fault
	<b>Power supply</b>
Operating voltage DC	9 ... 24 ... 28 V DC <sup>[1]</sup>
Current consumption	max.70 mA
	<b>Interface and signaling</b>
Switching voltage	U <sub>B</sub> -2 ... U <sub>B</sub> V
Switching current	1 ... 10 ... 50 mA

### Interface, bus

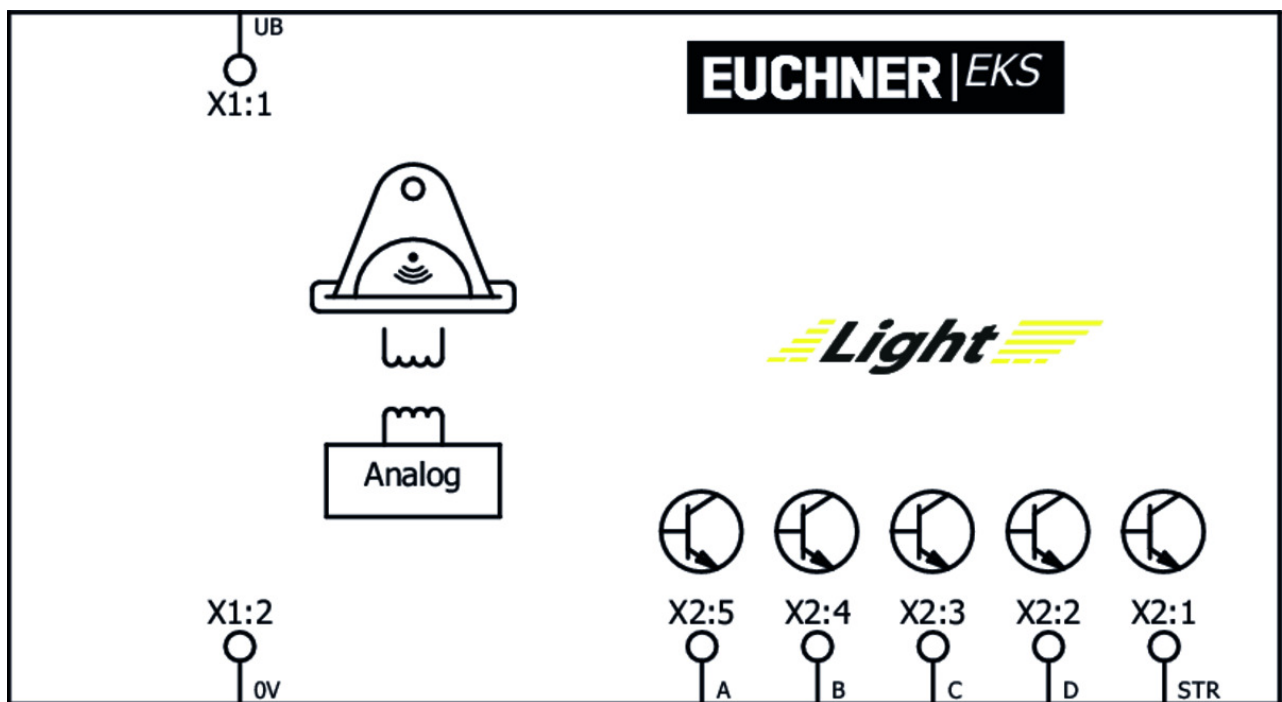
	<b>Interface and signaling</b>
Data interface	4-bit parallel plus strobe, binary coded via High/Low level

<sup>[1]</sup> For use and operation as per the UL requirements, a power supply with the feature "for use in class 2 circuits" must be used.

**Dimension drawing**



**Block diagram**



✔ Electronic-Key read/write



**077859** EKS-A-K1RDWT32-EU

✔ Features

- › Memory 116 bytes E<sup>2</sup>PROM (programmable) plus 8 bytes ROM (serial number)



**084735** EKS-A-K1BKWT32-EU

✔ Features

- › Memory 116 bytes E<sup>2</sup>PROM (programmable) plus 8 bytes ROM (serial number)



**091045** EKS-A-K1BUWT32-EU

✔ Features

- › Memory 116 bytes E<sup>2</sup>PROM (programmable) plus 8 bytes ROM (serial number)



**094839** EKS-A-K1GNWT32-EU

✔ Features

- › Memory 116 bytes E<sup>2</sup>PROM (programmable) plus 8 bytes ROM (serial number)



**094840** EKS-A-K1YEWT32-EU

✔ Features

- › Memory 116 bytes E<sup>2</sup>PROM (programmable) plus 8 bytes ROM (serial number)



**123097** EKS-A-K1WHWT32-EU

✔ Features

- › Memory 116 bytes E<sup>2</sup>PROM (programmable) plus 8 bytes ROM (serial number)



**123098** EKS-A-K1OGWT32-EU

✔ Features

- › Memory 116 bytes E<sup>2</sup>PROM (programmable) plus 8 bytes ROM (serial number)









## Instructions

✔ Handbuch EKS Light und Light FSA

	Doc. no.	Version	Language	Download
Handbuch EKS Light und Light FSA	110845	04-03/12		2.4 MB
Manual EKS Light and Light FSA	110845	04-03/12		2.4 MB







## Catalogs

▼ Electronic-Key-System EKS Electronic-Key-System EKS Electronic-Key-System EKS Electronic-Key-System EKS

	Doc. no.	Version	Language	Download
Electronic-Key-System EKS	086808	14-04/17		 3.2 MB
Electronic-Key-System EKS	092953	14-04/17		 3.2 MB
Electronic-Key-System EKS	114432	14-04/17		 3.2 MB
Electronic-Key-System EKS	086809	14-04/17		 3.2 MB

### Declaration of conformity

▼ EU-Konformitätserklärung

	Doc. no.	Version	Language	Download
EU-Konformitätserklärung	2093140	07-01/17		 0.3 MB
Declaración UE de conformidad				
Déclaration UE de conformité				
Dichiarazione di conformità				
EU declaration of conformity				

### CAD data

CAD data for this item on TraceParts