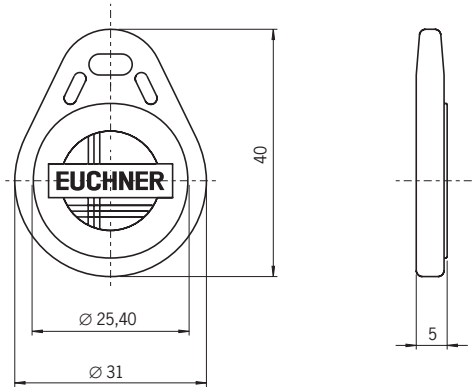
Electronic-Key read/write

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

Dimension drawing

Dimensions in mm



Special features

- The Electronic-Key contains a unique 8-byte serial number. This number is written by laser during the Electronic-Key production process and is stored absolutely indestructibly. The serial number is used for secure distinction of every single Electronic-Key.

Electronic-Key memory structure

	E²PROM (programmable)					ROM (serial number)		
Byte no. [dec]	0	1	…	114	115	116	…	123
Byte no. [hex]	00	01	…	72	73	74	…	7B
	Quantity: 116 bytes					**Quantity: 8 bytes**		

Technical data

General parameters	Value			Unit
	min.	typ.	max.	
Memory capacity (read/write)		116		bytes
Serial number (read only)		8		bytes
Power supply	Inductive via Electronic-Key adapter			
Housing	Plastic PC, ABS			
Degree of protection acc. to EN 60529	IP 67			
Ambient temperature	- 20		+ 60	°C
Number of read cycles	Not limited			
Number of write cycles	100,000			cycles
Data retention time (at T = + 55°C)	10			years
Memory organization				
Write	Only possible in 4-byte blocks			
Read	Possible byte by byte			

Ordering table

Designation	Color	Item	Order no.
Electronic-Key read/write with 116 bytes read/write memory	Red	EKS-A-K1RDWT32-EU	**077859**
	Black	EKS-A-K1BKWT32-EU	**084735**
	Blue	EKS-A-K1BUWT32-EU	**091045**
	Green	EKS-A-K1GNWT32-EU	**094839**
	Yellow	EKS-A-K1YEWT32-EU	**094840**
	White	EKS-A-K1WHWT32-EU	**123097**
	Orange	EKS-A-K1OGWT32-EU	**123098**