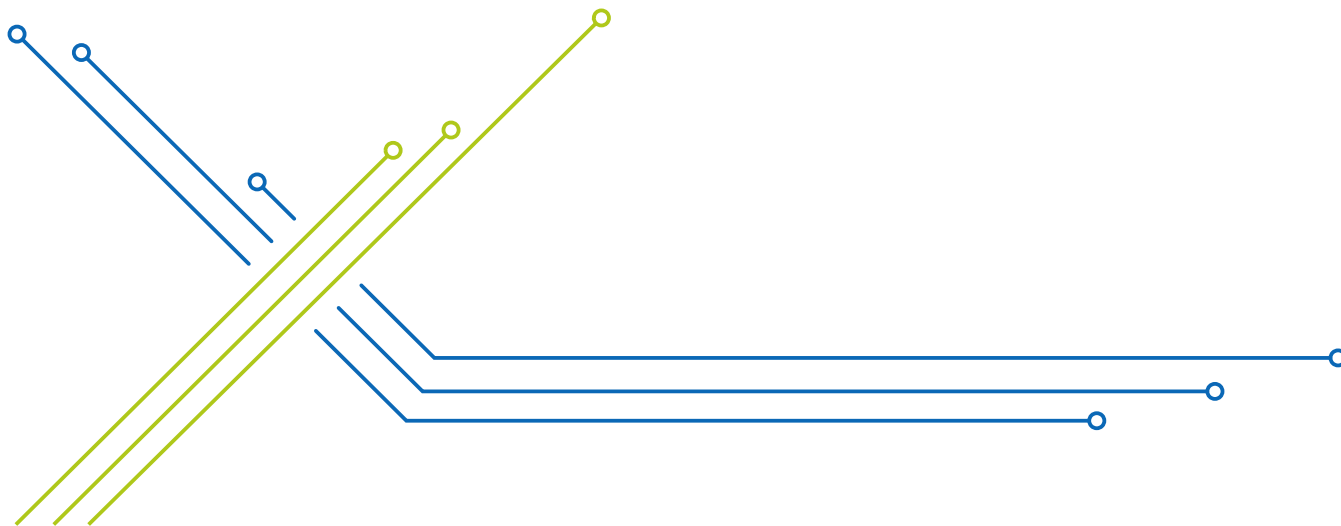


USB-Stick

32 GB SIGMATEK

INSTRUCTION MANUAL

Article number:	12-620-3203-E
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32 GB SIGMATEK**USB-Stick**

This USB flash drive offers 32 GB of storage space and can therefore be used as an easy-to-replace removable storage medium.



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1 Introduction

1.1 Target Group/Purpose of this Operating Manual

This operating manual contains all information required for the operation of the product.

This operating manual is intended for:

- Project planners
- Technicians
- Commissioning engineers
- Machine operators
- Maintenance/test technicians

General knowledge of automation technology is required.

Further help and training information, as well as the appropriate accessories can be found on our website www.sigmatek-automation.com.

Our support team is happily available to answer your questions.
Please see our website for our hotline number and business hours.

1.2 Important Reference Documentation

This and additional documents can be downloaded from our website or obtained through support.

1.3 Contents of Delivery

1x USB-Stick
1x accessory cord
1x anti-static bag

2 Technical Data

2.1 Performance Data

Storage medium	TLC Flash
Memory size	28.8 GB (31023 MB effective)
Interfaces	USB 3, backward compatible with USB 2 and USB 1
Formatting	FAT32
MTBF	1.000.000 hours
Tested operating systems	Linux, LASAL-OS, Windows ¹⁾
Application examples	system diagnostics (e.g. transmitting log files) data transport from and to end device service update

INFORMATION



Continuous writing/ reading can shorten the lifespan of the USB stick.

2.2 Electrical Requirements

Supply voltage	minimum +4.5 V DC	typically +5 V DC	maximum +5.5 V
Current consumption (mA)	Idle mode	56 mA	
	Standby	1.2 mA	
	Read	100 mA	
	Write	100 mA	

INFORMATION



If the power goes out while writing to the flash drive, this may result in inconsistent data.

¹⁾ These operating systems were tested by SIGMTEK. It can be assumed however, that the USB stick works with all commercial operating systems.

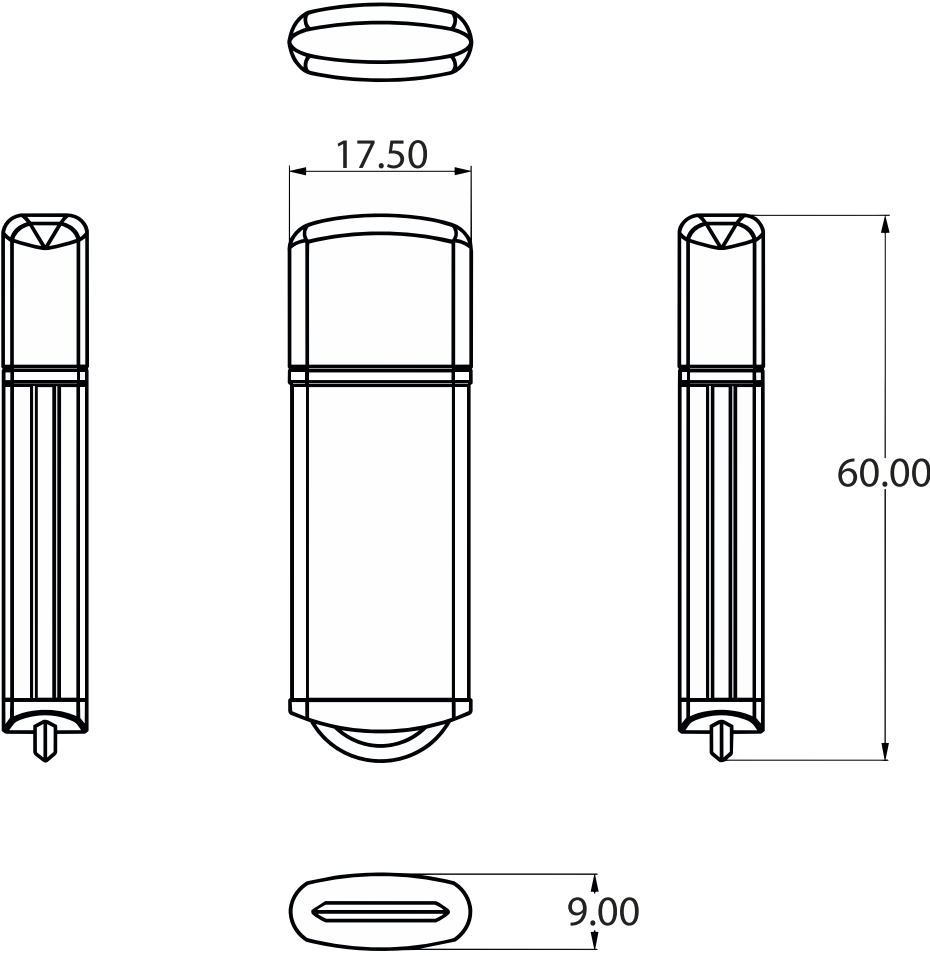
2.3 Environmental Conditions

Storage temperature	-25 ... +85 °C
Environmental temperature	0 ... +70 °C
Humidity	10-90 %, non-condensing
Vibration	maximum 6 g peak-peak

2.4 Miscellaneous

Article number	12-620-3203	
Printed circuit board coating	no	
Approvals	CE	yes
	UL	designed according to UL
	Functional Safety	no
	UKCA	yes
	RoHS	yes

3 Mechanical Dimensions



Measurements	17.50 x 9.00 x 60.00 mm (W x H x D)
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4 Disposal



INFORMATION

Should you need to dispose of the device, the national regulations for disposal must be followed.

The device appliance must not be disposed of as household waste.



Changes Chart

Change date	Affected page(s)	Chapter	Note