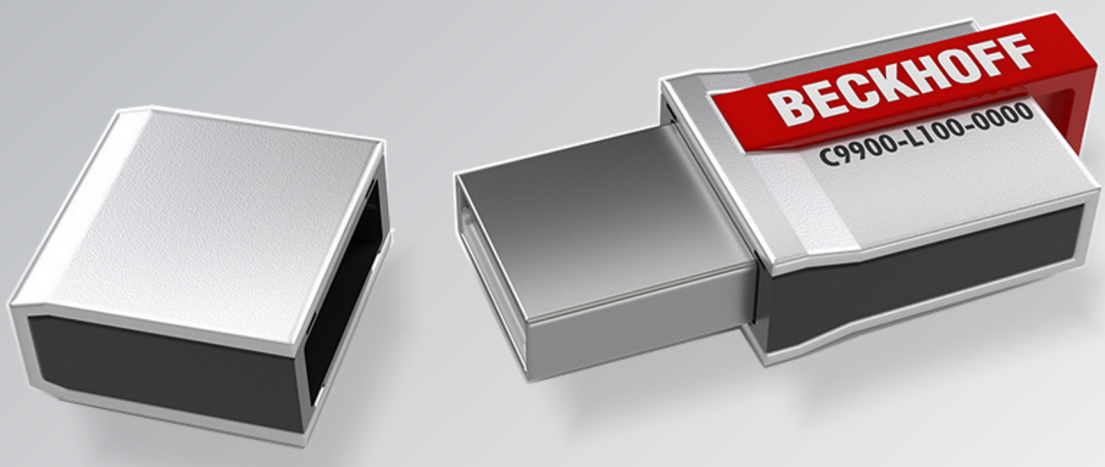
BECKHOFF New Automation Technology

Documentation | EN

C9900-L100

License key USB stick for TwinCAT 3.1



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1 Foreword

1.1 Notes on the documentation

Intended audience

This description is only intended for the use of trained specialists in control and automation engineering who are familiar with the applicable national standards.
It is essential that the documentation and the following notes and explanations are followed when installing and commissioning these components.
The qualified personnel is obliged to always use the currently valid documentation.

The responsible staff must ensure that the application or use of the products described satisfy all the requirements for safety, including all the relevant laws, regulations, guidelines and standards.

Disclaimer

The documentation has been prepared with care. The products described are, however, constantly under development.

We reserve the right to revise and change the documentation at any time and without prior announcement.

No claims for the modification of products that have already been supplied may be made on the basis of the data, diagrams and descriptions in this documentation.

Trademarks

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https://www.beckhoff.com/trademarks

1.2 Safety instructions

Safety regulations

Please note the following safety instructions and explanations!
Product-specific safety instructions can be found on following pages or in the areas mounting, wiring, commissioning etc.

Exclusion of liability

All the components are supplied in particular hardware and software configurations appropriate for the application. Modifications to hardware or software configurations other than those described in the documentation are not permitted, and nullify the liability of Beckhoff Automation GmbH & Co. KG.

Personnel qualification

This description is only intended for trained specialists in control, automation and drive engineering who are familiar with the applicable national standards.

Signal words

The signal words used in the documentation are classified below. In order to prevent injury and damage to persons and property, read and follow the safety and warning notices.

Personal injury warnings

⚠ DANGER
Hazard with high risk of death or serious injury.

⚠ WARNING
Hazard with medium risk of death or serious injury.

⚠ CAUTION
There is a low-risk hazard that could result in medium or minor injury.

Warning of damage to property or environment

NOTICE
The environment, equipment, or data may be damaged.

Information on handling the product

This information includes, for example:
recommendations for action, assistance or further information on the product.

1.3 Documentation Issue Status

Version	Comment
1.4.0	• Update chapter “Product description” • Chapter “Technical data” updated • Update structure
1.3	• New title page • Update chapter “Product description” • Chapter “Technical data” updated
1.2	• Update section “Product description”
1.1	• Update
1.0	• First Creation

2 Product description

As an alternative to the EL6070 license key terminal, the TwinCAT licenses can be managed via a C9900-L100 USB stick. Data transfer takes place via USB.

For even more convenient handling of the TwinCAT 3.1 licensing, the C9900-L100 USB stick is equipped with a local data memory. The data memory is used for storing the TwinCAT 3.1 license files. It is not freely accessible and is managed by TwinCAT 3.1.

There are different models

- C9900-L100: Dongle without activated licenses, will be supplied with licenses on costumer side
- C9900-L100-0033: will be pre activated with task related licenses
- more variants

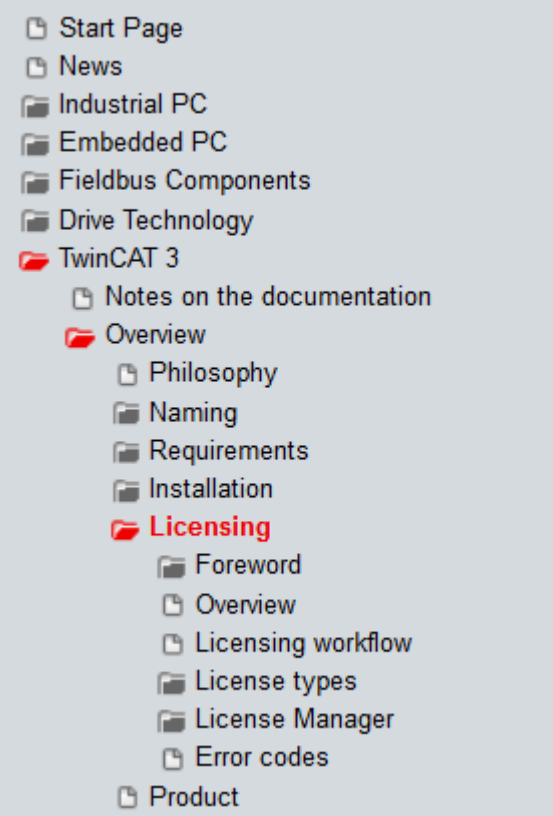
Frame conditions for operation with TwinCAT

- TwinCAT supports USB access to the dongle since TC3 build 4020
- The USB device requires a *.xml description file for the integration into the TwinCAT device management and into the project tree accordingly. The build contains this file already and there's no need of additional action when it's used. Otherwise the file can be received by the Beckhoff website and installed into the TwinCAT installation path \ESB.
  The standard path is: C:\TwinCAT\3.1\Config\Io\Esb\

Ordering information	
C9900-L100	License key USB stick for TwinCAT 3.1

Related products	
EL6070	License key EtherCAT Terminal for TwinCAT 3.1

Please see notes for application and further particulars in http://infosys.beckhoff.com/ →TwinCAT3 → Overview → Licensing:



Dimensions, isometric view

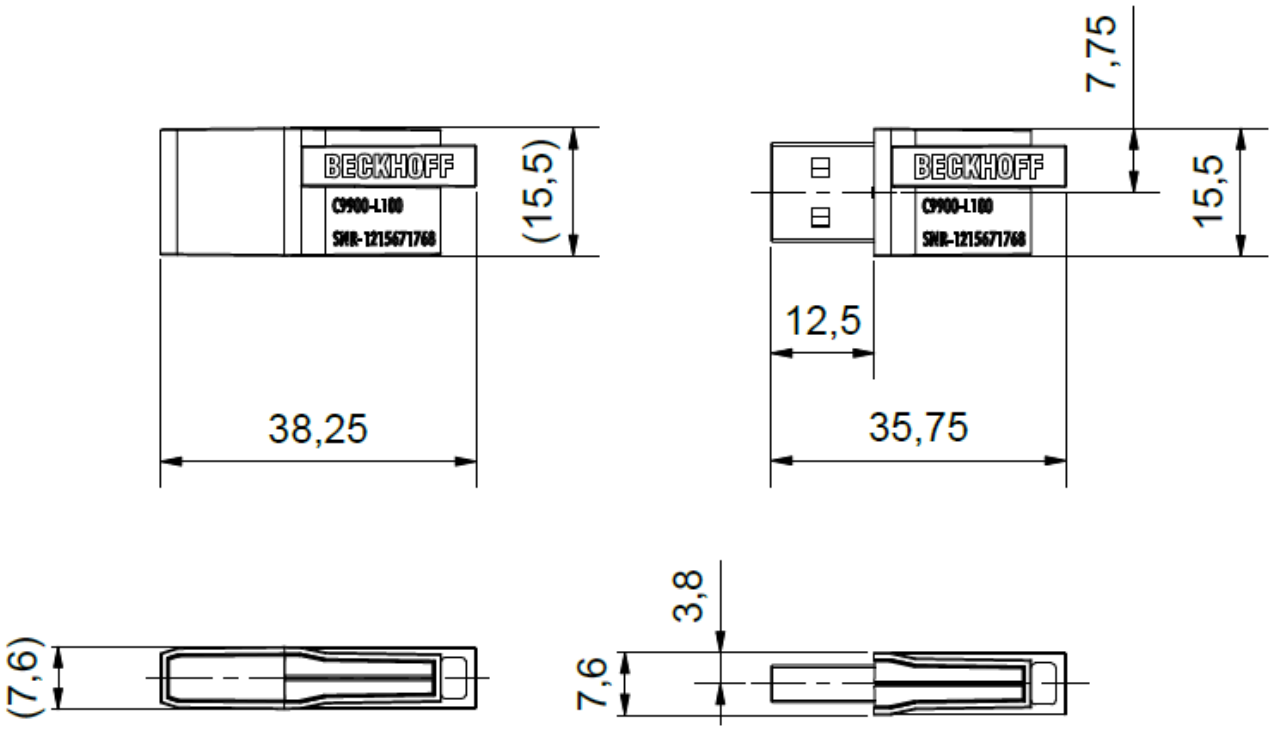


Fig. 1: Dimensions C9900-L100, with and without cap, all dimensions in mm

Fig. 2: C9900-L100, isometric view with and without cap

C9900-L100 technical data

Technical data	C9900-L100
Voltage supply	via USB 2.0
Weight	approx. 10 g
Permissible ambient temperature range during operation	-25°C ... +60°C
Permissible ambient temperature range during storage	-40°C ... +85°C
Permissible relative humidity	95%, no condensation
Protection class	IP20
Installation position	variable
Approvals/Markings*)	CE

*) Real applicable approvals/markings see type plate on the side (product marking).

3 Appendix

3.1 Support and Service

Beckhoff and their partners around the world offer comprehensive support and service, making available fast and competent assistance with all questions related to Beckhoff products and system solutions.

Beckhoff's branch offices and representatives

Please contact your Beckhoff branch office or representative for local support and service on Beckhoff products!

The addresses of Beckhoff's branch offices and representatives round the world can be found on her internet pages: www.beckhoff.com

You will also find further documentation for Beckhoff components there.

Support

The Beckhoff Support offers you comprehensive technical assistance, helping you not only with the application of individual Beckhoff products, but also with other, wide-ranging services:

- support
- design, programming and commissioning of complex automation systems
- and extensive training program for Beckhoff system components

Hotline:	+49 5246 963 157
e-mail:	support@beckhoff.com
web:	www.beckhoff.com/support

Service

The Beckhoff Service Center supports you in all matters of after-sales service:

- on-site service
- repair service
- spare parts service
- hotline service

Hotline:	+49 5246 963 460
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