



Documentation

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.

It is the duty of the technical personnel to use the documentation published at the respective time of each installation and commissioning.

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.

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Patent Pending

The EtherCAT Technology is covered, including but not limited to the following patent applications and patents: EP1590927, EP1789857, DE102004044764, DE102007017835 with corresponding applications or registrations in various other countries.

The TwinCAT Technology is covered, including but not limited to the following patent applications and patents: EP0851348, US6167425 with corresponding applications or registrations in various other countries.



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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.

Description of symbols

In this documentation the following symbols are used with an accompanying safety instruction or note. The safety instructions must be read carefully and followed without fail!

 DANGER	<p>Serious risk of injury! Failure to follow the safety instructions associated with this symbol directly endangers the life and health of persons.</p>
 WARNING	<p>Risk of injury! Failure to follow the safety instructions associated with this symbol endangers the life and health of persons.</p>
 CAUTION	<p>Personal injuries! Failure to follow the safety instructions associated with this symbol can lead to injuries to persons.</p>
 Attention	<p>Damage to the environment or devices Failure to follow the instructions associated with this symbol can lead to damage to the environment or equipment.</p>
 Note	<p>Tip or pointer This symbol indicates information that contributes to better understanding.</p>

1.3 Documentation Issue Status

Version	Comment
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 customer side
- C9900-L100-0033: will be pre activated with task related licenses
- More

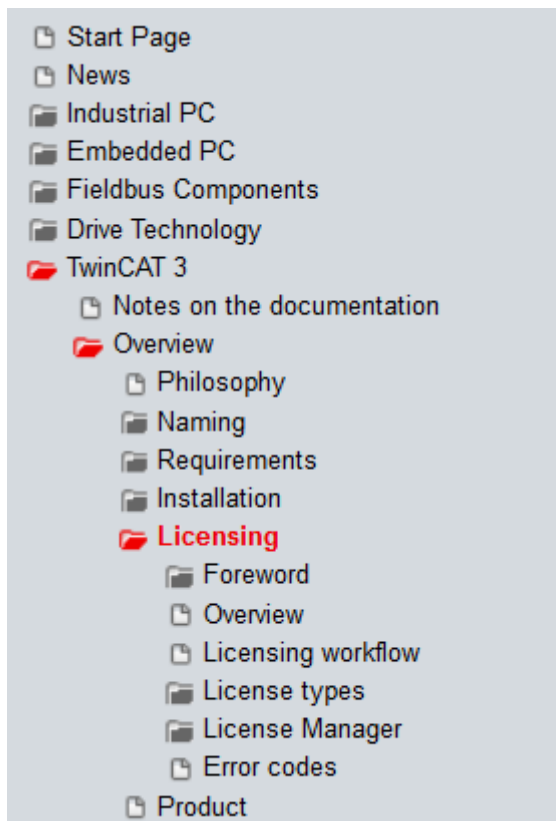
Frame conditions for operation with TwinCAT

- 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\lo\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:



C9900-L100 technical data

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

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:

<http://www.beckhoff.com>

You will also find further [documentation](#) for Beckhoff components there.

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