



## CODESYS Safe Control 16

Our application-based licence for functional safe PLCs offers you maximum flexibility and cost efficiency. The licence is based on the number of safe connections and allows up to **16 safe connections**. Perfect for tailored safety in your automation system.

### Product description

#### The highest level of safety, perfectly scaled – The application-based licence for functional safe PLCs

With our application-based licence for functional safe PLCs, we offer you a flexible and cost-effective solution for implementing safety in your automation system in a way that is tailored to your needs. This innovative licence is based on a clear, easy-to-follow metric: the number of safe connections, which corresponds to the number of safe addresses assigned. This gives you full control over the scalability and use of safety-critical functions – tailored to the requirements of your application.

As a rule, a safe connection is a 1-to-1 connection to a safe field device with one safe address. The number of safe addresses you assign therefore usually corresponds to the number of safe connections.

Licensing per safe connection ensures maximum transparency and flexibility. You only pay for the safety features you actually need. Whether small machines with a few safety-related signals or complex systems with numerous safety-critical connections, our solution dynamically adapts to your application, ensuring an optimal cost-benefit balance.

Thanks to seamless integration into the CODESYS development environment and the CODESYS License Manager, activating and managing licences is simple and efficient. A solution that not only makes your systems safe, but also gives you the flexibility to future-proof your automation concept. Discover the next level of functional safety – customised, flexible and reliable.

#### CODESYS Safe Control 16

- Number of safe connections: max. 16
- FSoE Master protocol
- IEC 61131 standard library
- PLCopen Safety function blocks V1.0

PROFIsafe is not included in the license and must be purchased separately.

n/a

## General information

### Supplier:

CODESYS GmbH  
 Memminger Strasse 151  
 87439 Kempten  
 Germany

### Support:

Technical support is not included with this product. To receive technical support, please purchase a CODESYS Support Ticket.

<https://support.codesys.com>

### Item:

CODESYS Safe Control 16

### Item number:

2306000003

### Sales/Source of supply:

CODESYS Store  
<https://store.codesys.com>

### Included in delivery:

License only

## System requirements and restrictions

<b>Programming System</b>	<ul style="list-style-type: none"> <li>• CODESYS Development System V3.5.20.0 or higher</li> <li>• CODESYS Safety Extension AddOn V4.3.0.0 or higher</li> </ul>
<b>Runtime System</b>	<ul style="list-style-type: none"> <li>• CODESYS Virtual Control SL V4.14.0.0 or higher</li> <li>• CODESYS Virtual Safe Control SL V4.14.0.0 or higher</li> </ul>
<b>Supported Platforms / Devices</b>	<ul style="list-style-type: none"> <li>• CODESYS Virtual Safe Control SL</li> </ul>
<b>Runtime System Updates</b>	This product additionally includes a five-year update authorization. The five-year period starts with the activation of the License. The update authorization can be extended at any time.
<b>Additional Requirements</b>	<ul style="list-style-type: none"> <li>• Wibu CodeMeter runtime version 8.0 or higher</li> </ul>
<b>Restrictions</b>	<ul style="list-style-type: none"> <li>• Not released for use in containers or virtual machines (VMs)!</li> </ul>

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**Licensing**

Application based license: The CODESYS Control SL runtime system can be licensed with an application-based license.

The license is activated on a software-based license container (soft container) that is permanently bound to the device. Alternatively, the license can be stored on a CODESYS key (USB dongle).

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**Required Accessories**

Optional CODESYS Key Version 3-xxxxxx

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*Note: Technical specifications are subject to change. Errors and omissions excepted. The content of the current online version of this document applies.*

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