



SQL4CODESYS

The framework "SQL4CODESYS" allows direct communication between CODESYS controls and databases. With the database, large amounts of data can be efficiently managed, which opens up many new possibilities (detailed logging of information, flexible production by retrieving production parameters, recording of process values during production for traceability, interface to ERP and order management systems, ...).

Compared to systems which communicate via an OPC interface, the software architecture is considerably simpler and more powerful with this approach!

The framework has been developed and can be used for a variety of databases, PLC and robot controls.

Product description

The SQL4automation Connector is a software solution for the industrial usage. It connects PLC and robotic controls directly with SQL databases. The connector is also available preinstalled on an IPC. Industrial controllers directly access SQL databases via the connector. The controller can query data from tables, insert, change and delete data in tables by using SQL commands [structured query language]. Moreover, database procedures can be executed. An OPC-server is not required. This enhances the performance, increases security and offers greater flexibility. No project specific adjustments are necessary at the connector; everything is programmed in the controller. There are already complete libraries available for many controllers that you can include in your project instantly. The SQL4automation Connector meets very high demands of reliability and performance. Since 2007 it has been constantly enhanced and optimized. To this end, we use the experience and expertise from a lot of applications.

You can find more detailed information at <http://www.sql4automation.com> or in the user manual, which is included in the download package.

General information

Supplier:

CODESYS GmbH
 Memminger Strasse 151
 87439 Kempten
 Germany

Support:

<https://support.codesys.com>

Item:

SQL4CODESYS

Item number:

604100

Sales:

CODESYS Store

<https://store.codesys.com>

Included in delivery:

- Package „S4A_SQL4CodesysV3“
- Sample project (is included in the package)
- User manual (is included in the package)

System requirements and restrictions

Programmiersystem	CODESYS Development System V3.5.11.0
Laufzeitsystem	CODESYS Control V3.5.11.0
Unterstützte Plattformen / Geräte	
Zusätzliche Anforderungen	SQL4automation-Connector Software (Download-Link: http://www.sql4automation.com)
Einschränkungen	Im Testbetrieb wird die Kommunikation nach 2 Stunden beendet. Die Testlizenz kann beliebig oft aktiviert werden.
Lizenzierung	Für den produktiven Einsatz der Connector-Software ist ein USB-Dongle erforderlich. Bestellung über info@sql4automation.com
Erforderliches Zubehör	

Note: Not all CODESYS features are available in all territories. For more information on geographic restrictions, please contact sales@codesys.com.

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