CODESYS STORE

Sample product name

Short descripton of the product…

Product description

Example:

The CODESYS Depictor is used for the flexible creation, illustration and animation of 3D models. For the creation of the 3D models, poses (geometrical relations / transformations) and elements (3D geometries) can be placed in a tree structure indicating the relation to each other. The pose properties (e.g. rotation angle) can be linked to CODESYS application variables, so that the whole 3D model can be animated.

More information

Example:

The CODESYS Depictor is typically used for:

- Support for the preliminary operation of projects by the possibility to visually check the work sequences using the 3 dimensional models
- Realistic graphical visualization of CODESYS-controlled machines, vehicles or facilities, without having the ready-made installation

  - for presentation to potential customers
  - as basis for presentations or technical discussions
  - for teaching and research

  having the advantage that the prepared PLC applications can be directly used for controlling the real hardware

For the creation of the 3D models the CODESYS Depictor provides the following features:

- Creation of arbitrary geometrical relations (transformations) within the 3D models
- Linkage of the geometrical relations to online IEC variables (i.e. axial angles) enabling the user to animate the 3D models during runtime
- Basis 3D elements are available in an included library (i.e. box, cylinder, plane)
- Import of .obj-Files (Wavefront), .dae-Files (COLLADA) and .3ds-Files (3D Studio) for the creation of distinct complex 3D elements (restriction: for the usage of the complex formats .dae and .3ds the geometry data has to be included as one single object)
- 3D object library for all kinematic transformations of the CODESYS SoftMotion CNC
- Automatic lighting of the 3D model

Every created CODESYS Depictor 3D model is reusable within any other CODESYS Depictor 3D model.

Sample product options..

General information

Manufacturer:

3S-Smart Software Solutions GmbH
Memminger Strasse 151
87439 Kempten
Germany

Support:

https://support.codesys.com

Item:
Sample product name
Item number:
xxxxxxxxxx
Sales:

CODESYS Store
https://store.codesys.com

Included in delivery:
CODESYS Package

System requirements and restrictions

Programming System	CODESYS Development System Version 3.5.9.10 or higher
Runtime System	-
Supported Platforms/ Devices	Can be executed with Windows 7 / 8 / 10 / Embedded (32 / 64 bit) with single or multi core CPUs Note: Use the project "Device Reader" to find out the supported features of your device. "Device Reader" is available for free in the CODESYS Store.
Additional Requirements	-
Restrictions	-
Licensing	This product is subject to license conditions. The product can either be licensed on a software base (license container is part of the CODESYS Control RTE since version 3.5.4.0) or via the CODESYS Runtime Key (not part of the product range). If no valid license is present, the Soft-PLC runs for two hours without functional constraint and then stops automatically.
Required Accessories	CODESYS Runtime Key, compact; Order number: 2109000003

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.