Seven Segment Display

The example project contains an implementation of a seven segment display within CODESYS Visualization and the corresponding function blocks.

Product description

The package contains the example project SevenSegmentDisplay.project including a visualization of four seven segment displays to show the value of an integer. The values of the digits can be incremented and decremented via buttons. The seven segment display is implemented modularly and can be easily adapted for individual requirements.

More information

A single digit of the seven segment display is represented by the visualization component SevenSegmentDisplay and the driver function block SevenSegmentDriver.
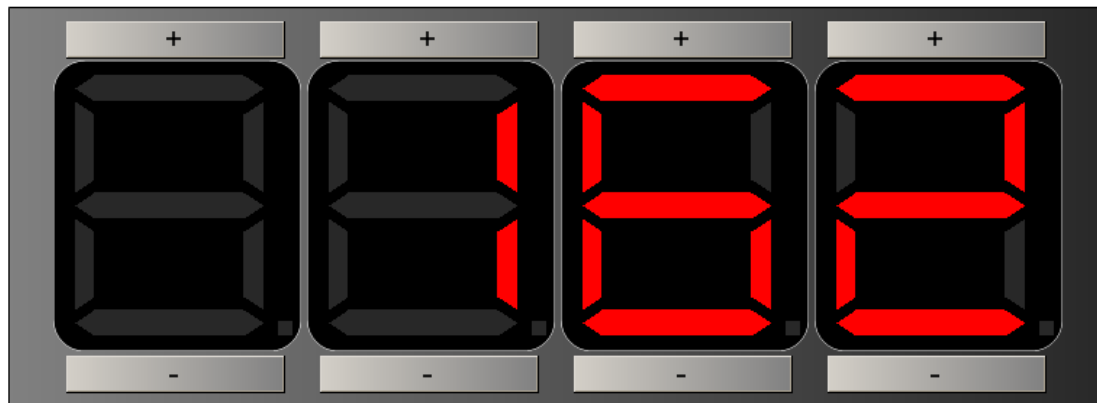
Following values can be displayed:

- Values from 0 to 9
- Values from a to f
- Decimal point

Visualization 'SevenSegmentDisplay'

The function block Display and the visualization Display contain four seven segment displays to show the value of an integer. The values of the digits can be incremented and decremented via the buttons +/-. The function block Display is instanced in the program PLC_PRG and is referenced by the visualization MainVisu.

Visualization 'Display'

General information

Manufacturer:

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

Support:

https://support.codesys.com

Item:
Seven Segment Display
Item number:
000061
Sales:

CODESYS Store
https://store.codesys.com

Included in delivery:
Package with example project

System requirements and restrictions

Programming System	CODESYS Development System V3.5.5.0 or higher
Runtime System	CODESYS Control V3.5.5.0 or higher
Supported Platforms/ Devices	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	-
Required Accessories	-

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.