

Kuhnke WIRE

Control Technology

CODESYS Starter Kit: Control & Motion Positioning made easy

The Control & Motion starter kit consists of three modules, the FIO Controller 116 and two extension modules.

The FIO Controller 116 offers an integrated OPC UA server for secure and standardized communication with other systems as well as the CODESYS WebVisu, which allows you to operate and monitor your application in the Internet browser.

The first of the expansion modules is the FIO DI16/DO16, which offers 16 digital inputs as well as 16 digital outputs. The second expansion module, FIO Drive Control, is used to control stepper motors and BLDC motors.

For the structure and programming of CODESYS we provide you with instructions and a number of practical examples in the download area on our website, which will enable you to get started quickly.

To operate the starter kit, all you need is a power supply of 24 VDC with at least 2 A, a suitable programming cable and a stepper motor.

OPC UA



EtherCAT[®]
CANopen



- Fast CODESYS V3 PLC
- EtherCAT[®] I/O module with digital inputs and outputs
- EtherCATAT[®] Drive Controllers for Steppers and BLDC Motors
- Motion block library according to PLCopen[®]
- Web server with visualization templates
- Optionally expandable with:
 - KUHNKE Vico CARA
 - KUHNKE FIO EtherCAT[®] IO-Modulen

To download, please contact:
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Content	CODESYS Starter Kit: Control & Motion
SPS Modular	1 x Kuhnke FIO Controller 116
Digital I/O-Module	1 x Kuhnke FIO digital I/O expansion module
Drive Controller Module	1 x Kuhnke FIO Stepper Control extension module
Software	1 x CODESYS 3 incl. Kuhnke Motion Control library in the download area
Documentation	1 x user manual in the download area
Program examples	1 x beginner projects in the download area

Order: Please send your order to: sales-ics@kendrion.com

*Delivery quantity limited to 2 pieces per customer. No distribution to private individuals possible.