

MODULAR PLC

Kuhnke FIO Controller 116 WV (OPC UA)

694 320 16 001

The Kuhnke FIO Controller 116 is a PLC based on i.MX6 with integrated CODESYS PLC. It is able to exchange data with other systems via industrial Ethernet and RS232. In addition, a built-in SD-card slot and a USB-interface allow local storage of process data. An interrupt input allows realizing fastest possible reactions on specific process events. As far as mechanic properties and form factor are concerned, the controller matches the FIO I/O modules, which can be attached directly to form a mechanically and electrically homogenous unit. Using an additional extender module also the control of remote EtherCAT SuDevices is possible. It can be easily integrated by the number of interfaces (Industrial Ethernet, RS232, CAN) and supported systems into existing control concepts.

- Fanless ARM processor technology
- To be extended with FIO modules
- CODESYS V3 with EtherCAT®
- Optional: CODESYS SoftMotion



DESCRIPTION	VALUE
Configuration	CODESYS PLC
Function	Modular PLC
Model	Control cabinet modul
Product status	Standard product
Processor	i.MX6 SoloX Freescale 1 GHz
Operating system	RT Linux
Software	CODESYS V3
Software options	Softmotion light, Modbus TCP, OPC UA Server, WebVisu
Main memory / working memory	128
Non-volatile memory	128 kByte
Internal memory / Drive	Flash memory
Mass storage / removable storage	SD card
Interfaces	LAN, USB, CAN, RS-232, EtherCAT-E-Bus
Digital I/Os (integrated)	1DI, 1 ms
Field bus interfaces	EtherCAT-MainDevice, ACNopen Manager, OPC UA Server, Modbus-Client TCP/RTU
Modular expansion	Expandable with FIO I/O modules
Housing material	Aluminium frame, plastic housing
Dimensions (W x H x D)	25 x 120 x 90 mm
IP-Protection Class	IP20
Supply voltage	24 V DC (-15% ... +20%)
Cyber Security, Compliance (CRA)	In progress
Zertifizierungen / Normen	CE, cULus / IEC 61131-2, IEC 61000-6-4, IEC 61000-6-2

CONTACT

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PRODUCT

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