

Kuhnke FIO Controller

Control Technology

Kuhnke FIO Controller 116 PROFINET IRT

Mini IPC Controller as PROFINET IO Device

The Kuhnke FIO Controller 116 PROFINET-IRT is a mini-IPC basing on ARM 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. 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.

It can be easily integrated by the number of interfaces (Industrial Ethernet, RS232, CAN), supported fieldbuses and attachable communication modules into existing control concepts. Furthermore, the Controller can exchange data with existing PROFINET IO Controllers via the left side appendix as a PROFINET IO Device. The Controller 116 always supports Modbus TCP and RTU master functionality. By using an additional extender module, the control of remote EtherCAT slaves is possible, too. Offering the OPC UA interface the Controller is the perfect device for industry 4.0 communication.



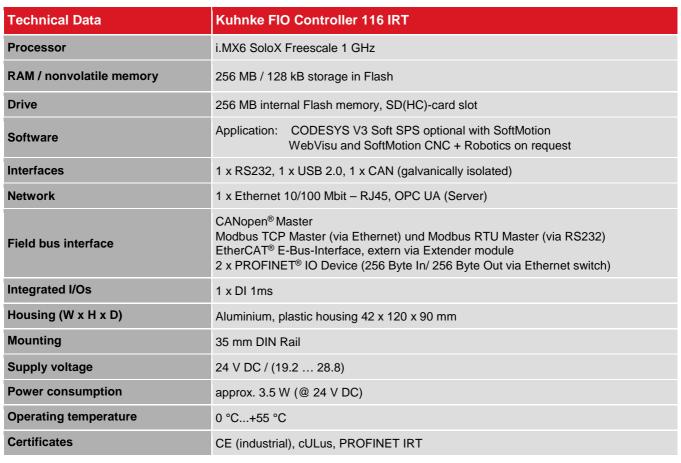


CODESYS

Features

- Easy integration in PROFINET® systems
- To be extended with FIO modules
- CODESYS V3 with EtherCAT®
- Optional: CODESYS SoftMotion
- OPC UA interface





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