JAG PdiCS⁺ XMM Master Module

Features and benefits of the JAG PdiCS⁺ XMM Master Modules

- Powerful dual processor system for demanding control and communication tasks
- The availability of two Ethernet ports allows a redundant connection to the management level, the efficient communication among master stations and the integration of third party products
- Four ARCNET interfaces allow each XMM Master Module to handle up to 2000 in- and outputs on PdiCS⁺ I/O modules that can be placed locally, remote or mixed
- Optimal protection against corruption and loss of data thanks to the use of non-volatile, magnetoresistive RAM (MRAM)

JAG Jakob AG Process Engineering, your partner for plant construction and process automation offers the JAG PdiCS⁺ XMM Master Module, an extremely powerful head station as core element in decentralized automation solutions.

The JAG PdiCS⁺ XMM Master Module was designed to meet the most demanding requirements of the pharmaceutical, chemical, biotech, cosmetics and food industries.
### Mechanical data

- **Mounting clamps**: suitable for DIN rail TS35 mm
- **Protection**: IP20
- **Dimensions (w × h × d)**: 232 × 85 × 65 mm
- **Operating conditions**: 0 to +50 °C, 10 to 90% rel. humidity, non-condensing

### Electrical data

- **Supply voltage**: 10.8 to 26.5 VDC, max. 10 W @ 24 VDC
- **CPU**: 2x Coldfire MCF5373L (240 MHz)
- **RAM**: 88 MB MRAM (used for firmware, user program and resources), 64 MB SDRAM (used as a buffer for communication tasks)
- **Hardware clock**: yes, battery buffered
- **Interfaces**: 2x Ethernet 100BaseT (TCP/IP, UDP and Modbus TCP protocol), 4x ARCNET (up to 10 MBaud), USB Slave
- **Local I/O**: 2 digital inputs, 2 digital outputs
- **I/O connected via ARCNET**: up to 2000 in- and outputs on PdiCS⁺ I/O Modules
- **Diagnostic display**: alphanumeric LED DOT matrix, 4 characters

### Order information

- **Master module with firmware**: JAG PdiCS⁺ XMM
- **Order number**: M019.003.200.000

Non-volatile, magnetoresistive RAM (MRAM) ensure optimal protection against corruption and loss of data (20 years data retention without supply):