

JAG PdiCS⁺ XPM Master Module



JAG Jakob AG Process Engineering,

your partner for plant construction and process automation offers the JAG PdiCS⁺ XPM Master Module, a powerful head station as core element in decentralized automation solutions.

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

Features and benefits of the JAG PdiCS⁺ XPM Master Modules

- Powerful system for demanding control tasks
- Ethernet interface supporting TCP/IP, UDP and Modbus TCP protocols
- ARCNET interfaces allow each XPM Master Module to handle up to 1000 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)

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. 6 W @ 24 VDC
CPU	Coldfire MCF5373L (240 MHz)
RAM	20 MB MRAM (used for firmware, user program and resources) 32 MB SDRAM (used as a buffer for com- munication tasks)
Hardware clock	yes, battery buffered
Interfaces	1× Ethernet 100BaseT (TCP/IP, UDP and Modbus TCP protocol) 4× ARCNET (thereof max. 2× PdiCS-BUS, up to 10 MBaud) USB Slave
Local I/O	2 digital inputs 2 digital outputs
I/O connected via ARCNET	up to 1000 in- and outputs on PdiCS+ I/O Modules
Diagnostic display	alphanumeric LED DOT matrix, 4 characters

Order information

Masterstation with Firmware	JAG PdiCS+ XPM
Order number	M019.003.000.000

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

