

Technical Data DE-VX 42xx

DE-VX 4210F



DE-VX 4215F



System computer unit:

- Industrial computer system AMD-G series CPU
- Integrated PLC, S5 and S7 compatible instruction set,
max. program length: 60.000 instructions with time requirement for 1.000 bit instructions at < 0,2ms,
up to 256 timer, 1024 messages, 1024 alarms (optional on delay).

Memory:

- 2 GB RAM working memory
- 8 GB Flash for operating program and configuration storage
- 4 MB RAM (battery-buffered for current process status store, treatment programs and measurement recording)

Interfaces/Connections:

- COM1 DIN-RS232 (electrically isolated)
- COM2 DIN-RS232/RS422/RS485 (electrically isolated with software controlled termination)
- COM3 DIN-RS232/RS422/RS485 (electrically isolated with software controlled termination)
- 4 USB interfaces (electrically isolated) for external keyboard, mouse, printer, etc.
- power supply input voltage range from 110V AC up to 230V AC, 50-63Hz
- Can-Bus for the connection of external modules
- Profibus- DP- Slave (optional) (EN 50 170/DIN 19245 part 1) 9,6 Kbit/s -12Mbit/s, automatic bit rate recognition, E/A RS 485 cabling, DSUB- 9- plug connector, electrically isolated. Max. 244 bytes input and output data
- Profibus- DP- Master (optional) (EN 50 170/DIN 19245 part 1) for the connection of up to 125 Slaves, 9,6 Kbit/s – 12Mbit/s, automatic bit rate recognition, E/A RS 485 cabling, DSUB- 9- plug connector, electrically isolated. Max. 512 bytes input and output data. Configuration via external PC software (separate order necessary)
- Gigabit Ethernet interface, TCP/IP protocol for configuration, remote control, supervisory system connection, Modbus/TCP, Auto MDI-X

Display:

- 10,4" TFT LCD colour display with extra wide viewing angle, XGA resolution (1024x768 pixels)
- 15" TFT LCD colour display with extra wide viewing angle, XGA resolution (1024x768 pixels)
- Standard VGA interface for additional monitor

Operation:

- Membrane keyboard (according to DIN EN 60529, IP protection 65)
- Externally connectable USB mouse
- Externally connectable USB keyboard

Security:

- Dual security functions by global and local watchdog functions
- Power failure monitoring

Installation:

- Ambient temperature 0...+45°C
- Relative humidity 0...90% non-condensing at +40°C and below 3000m
- Storing temperature -20...+60°C
- Overvoltage category III
- Soiling stage 2

Measurements DE-VX 4210F:

Installation depth: 350mm, max. wall thickness 6mm
Cut-out dimensions: 400mm x 235mm x 4mm (WxHxD)
Rack-housing dimensions: 382mm x 217mm x 350mm (WxHxD)

Measurements DE-VX 4215F:

Installation depth: 350mm, max. max. wall thickness 6mm
Cut-out dimensions: 500mm x 315mm (WxHxD)
Rack-housing dimensions: 550mm x 335mm x 4mm (WxHxD)

Inputs/Outputs (max. expansion indicated):

	Internal:	incl. CAN Bus:
- Analog inputs:	128	128
- Analog outputs:	64	96
- Digital inputs:	256	512
- Digital outputs:	256	512

Programmer/Controller (max. expansion indicated):

- Set points: 192
- Control tracks: 512
- Control loops: 1.024
- Limit values: 1.024
- Alarms: 1.024 (on delay) with alarm history
- Installations: 8 independent installations configurable
- Recorder: 64 process variables recordable
- Multiple language switch at runtime
- Unicode-language support
- Copy and Know-how protection

Contact:

demig Prozessautomatisierung GmbH – Haardtstr. 40 – D-57076 Siegen
Phone: +49 271 772020 E-Mail: info@demig.de

Subject to change!