

CPX Terminal CPX-FMT

Festo Maintenance Tool as Integrated IT Service

FESTO



Faster Configuration, Commissioning, Maintenance and Servicing

Festo Maintenance Tool CPX-FMT
IT services and valve terminals – easily combined using the Festo Maintenance Tool CPX-FMT. Genuine tuning, only from Festo: via USB with a PC for faster configuration, commissioning, maintenance and servicing. CPX-FMT – a tool for broad-based advantages for pneumatics, electrics and networking.

Enhanced Reliability through Stored CPX Configuration

For more convenience and security, store your CPX configuration by using the Maintenance Tool and a PC interface in the field bus node. Ideal in cases where your bus system does not provide support for the configuration and parameterization of modular products. Cuts the amount of work required by up to 30%!

Optimize Performance through CPX Parameterization

Get more out of your installation and use modified CPX module parameters to optimize cycle times or signal processing quality. Easy, fast and reproducible documentation via Maintenance Tool and PC.

Avoid Downtime with CPX Diagnostics

CPX means uniquely comprehensive diagnostics! Now with CPX-FMT also directly on a PC – with diagnostic and status messages, fault tracing and specifications for condition monitoring. Typical of CPX – continuous innovation from Festo.

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What Are the Advantages of CPX-FMT?

Reading and visualizing dynamic data for parameterization or diagnostic purposes often accounts for up to 30% of the programming work needed for an installation.

With Festo Maintenance Tool for CPX, this data can be viewed immediately without programming and used as an integrated IT service.

Main Applications:

- Commissioning, testing and configuration of CPX valve terminals
- Remote maintenance via Ethernet networks
- Easy visualization of device and signal statuses without SCADA system or programming
- During installation maintenance or conversion: Ensures correct configuration, including parameter sets

CPX-FMT becomes a "CPX-MMI on your PC".

Local Commissioning and Servicing: Fast, Easy to Work with Solution



Storage of configuration and parameters when configuring a machine

For Rockwell Logix Users:

An export function to an L5K file is now available to improve integration with a Logix controller. The user can import a project file, with a valve terminal I/O size, and configuration.

Savings

- Optimized and ready-to-install package saves money
- Tool is easy to use
- Convenient optimized diagnostic facilities, without engineering work by user
- Preventive maintenance helps avoid downtime
- Allows multiple use of existing IT infrastructure

Functions

- Definition of configured CPX I/O modules
- Read CPX system data
- Modification of parameters of I/O modules
- Modification of setpoint values for condition monitoring
- Visualization of diagnosis/status of CPX systems according to individual modules and channels
- Reading and adjustment of fault trace function



Optimization through parameterization during commissioning

Benefits include:

- Simplified integration
- Improved disaster recovery

- Integration of all these functions into a PC environment enables:
 - Printing
 - Forwarding via e-mail
 - Saving/archiving on project-specific basis
 - Copying projects
- Languages DE/EN

How is CPX-FMT Installed and Connected ?

PC with operating system WIN2000 or later

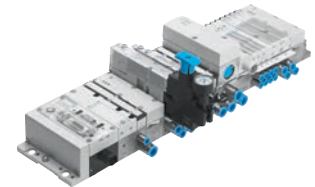
CPX with field bus node:

- Festo CPX USB adapter
- PC with USB interface

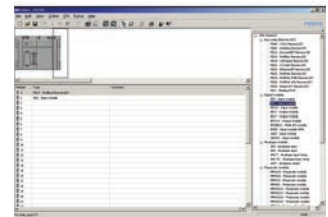
CPX with Ethernet node:

- Directly via Ethernet**
- Or via FB node

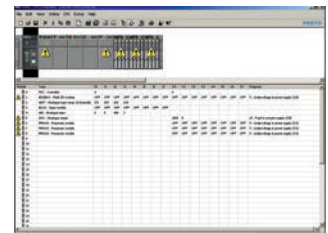
**IT security in applications with Internet/intranet access is the responsibility of the user. Access via fixed IP address of CPX



CPX terminal with MPA valve manifold



CPX-FMT: configuration and parameterization



CPX-FMT: display and evaluation of diagnostic data

Complete Scope of Delivery of CPX-FMT

Type NEFC-M12G5-0.3-U1G5
Part No. 547432

- CPX USB adapter (30 cm)
- USB extension cable (180 cm)
- CPX-FMT on CD-ROM

Go to:

www.festo.com/us/diagnostics
for more information about Festo Diagnostics.

Festo Corporation

For ordering assistance, or to find your nearest Festo Distributor,

Call: 1.800.99.FESTO

Fax: 1.800.96.FESTO

Email: customer.service@us.festo.com

Visit: www.festo.com/us

For technical support,

Call: 1.866.G0.FESTO

Fax: 1.800.96.FESTO

Email: product.support@us.festo.com