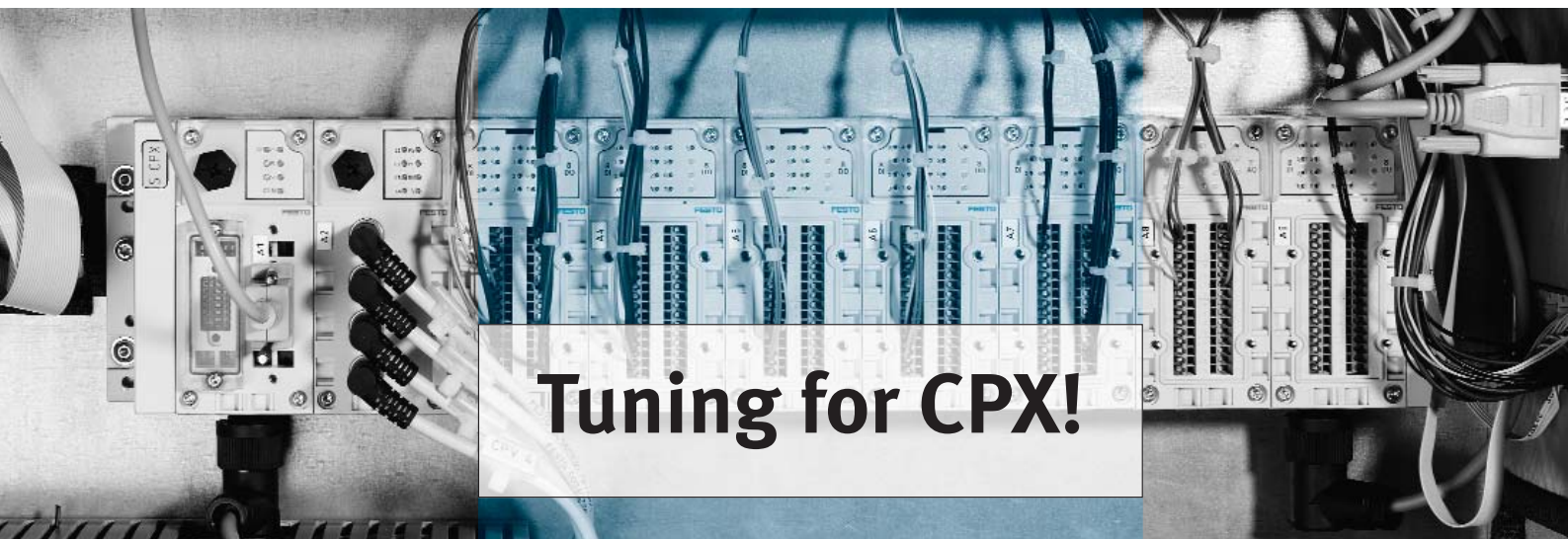


# CPX terminal CPX-FMT: Festo Maintenance Tool as integrated IT service



**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 further tool for broad-based advantages for pneumatics, electrics & 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 all cases in which your bus system does not provide good support for the configuration and parameterisation of modular products. Cuts the amount of work required by up to 30%!

**Optimise performance through CPX parameterisation**

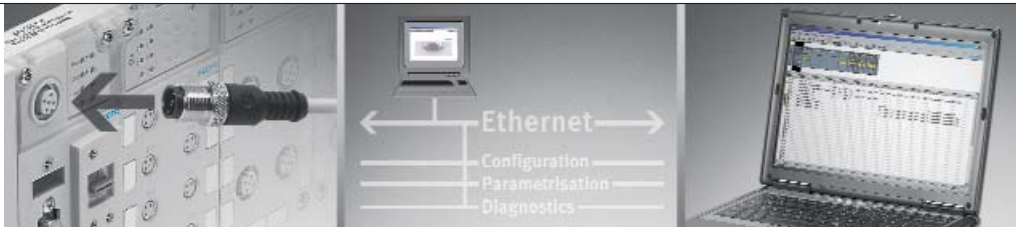
Get more out of your installation and use modified CPX module parameters to optimise cycle

times or signal processing quality. Easy, fast and reproducible documentation via Maintenance Tool and PC.

**Avoid downtime with CPX diagnostics**

CPX also 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 – thoroughgoing innovation from Festo.



USB adapter on field bus...

...directly via Ethernet:

“Easy Config” on a PC

210.15.PSI →

Product Short Information

# CPX terminal CPX-FMT: Festo Maintenance Tool as integrated IT service

## What are the advantages of CPX-FMT?

Reading and visualising dynamic data for parameterisation or diagnostic purposes often accounts for up to 30% of the programming work needed for an installation and requires specialists. With Festo Maintenance Tool for CPX, this data can be viewed immediately without programming and exploited as an integrated IT service.

## Main applications:

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

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

## Local commissioning and servicing: easy to work with, fast solution



Storage of configuration and parameters when configuring a machine



Optimisation through parameterisation during commissioning

## Savings

- Optimised and ready-to-install package saves money
- Tool is easy to use
- Convenient optimised diagnostic facilities, even 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
- Reading out CPX system data
- Modification of parameters of I/O modules
- Modification of setpoint values for condition monitoring
- Visualisation of diagnosis/status of CPX systems according to individual modules and channels
- Reading out and adjustment of fault trace function

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

## How is CPX-FMT installed and connected up?

PC with operating system WIN2000 or later

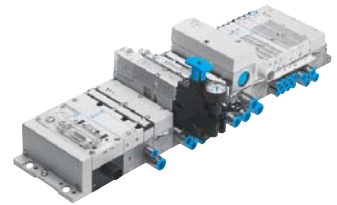
CPX with field bus node:

- Festo CPX USB adapter
- PC with USB interface

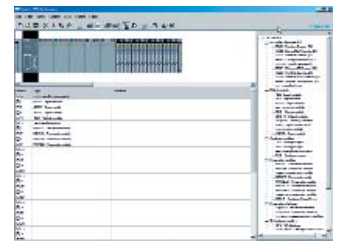
CPX with Ethernet node:

- Directly via Ethernet\*\*
- Or via FB node

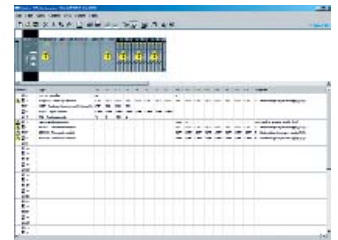
\*\*IT security in applications with Internet/intranet access is the responsibility of the user. Access via fixed IP address of CPX



CPX terminal with MPA valve terminal



CPX-FMT: configuration and parameterisation



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

Free-of-charge downloads, including updated versions, from [www.festo.com/engineering](http://www.festo.com/engineering)

## Festo AG & Co. KG

Ruiter Strasse 82  
73734 Esslingen  
Internet [www.festo.com](http://www.festo.com)  
Tel. ++49 (0)711 347-0  
Fax ++49 (0)711 347-2144  
E-mail [service\\_international@festo.com](mailto:service_international@festo.com)