

Systematically more reliable: Diagnostics on CPX/MPA with CPX-FEC

FESTO

**Dynamic display
CPX/MPA diagnostics
SA 0623**

**CPX – real innovations:
CPX**

CPX-terminal: for easy, flexible connection of pneumatic and electrical control loops to automation systems. Control of the entire pneumatic control loop system with I/O modules and valves via a single fieldbus connection.

CPX-FEC

CPX, now with pre-processing as well! And with CPX-FEC for programmable valve terminals: CPX-FEC supports all CPX modules, as well as Midi, CPA and MPA valve terminals, and enables easy decentralised connection to the CPV valve terminal. To sum it up: A modular PLC for direct attachment to a machine, directly networked to the application for cost-saving installation. For Ethernet, integrated web server and e-mail alarms. Or as a stand-alone. Optionally available with fieldbus interface.

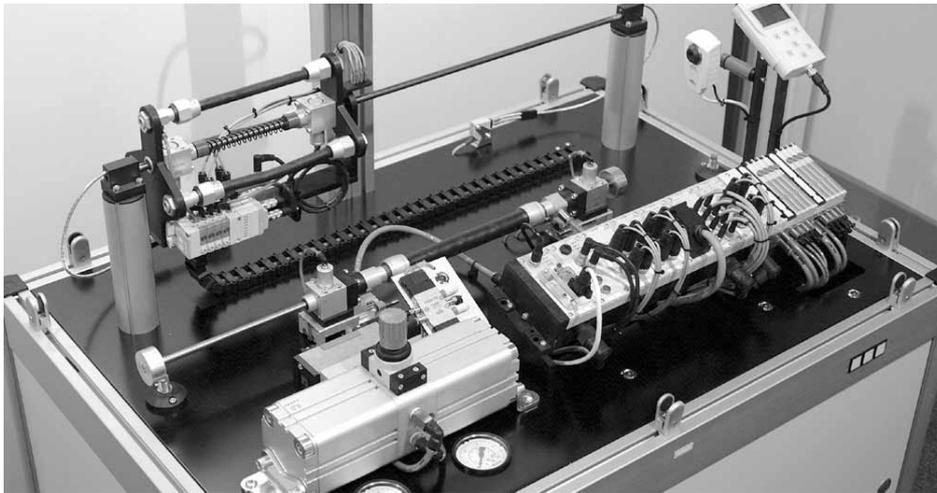
- Reduced engineering work load
- Clear data access
- Unique diagnostics package for electrical and pneumatic components

CPX-MMI

The handheld CPX-MMI for data polling, configuring parameters and CPX diagnostics. Highly flexible: Data can be read in and out at any location using one-hand operation.

Festo AG & Co. KG

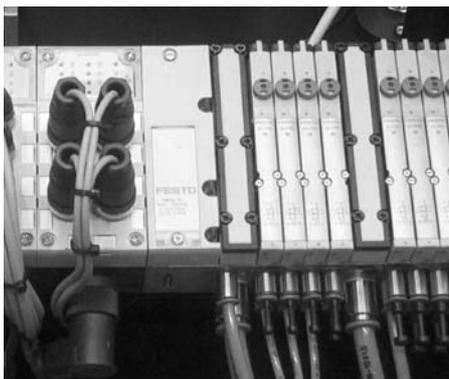
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Reliability at all levels: CPX-FEC and CPX-MMI

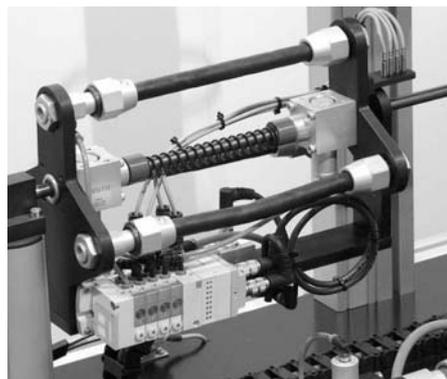
Eliminate errors quickly – reduce downtime: With CPX-MMI – highly dependable diagnostics. Whether cable breaks, short-circuiting or undervoltage is involved. And as an autonomous controller and web server in the valve terminal MPA, CPX-FEC facilitates remote diagnostics, remote monitoring and remote maintain-

ance or control – right on up to the visualisation of a process or diagnostics data using any desired web browsers on the network. Ethernet provides consistent communication all the way up to the management level. Web cams and new diagnostic functions reduce, e.g. expensive service calls in foreign countries.



More than just diagnostics: CPX-FEC

The key component for outstanding diagnostics communication: CPX-FEC – the modular PLC for direct attachment to the machine. Reduces engineering costs, in particular with included software engineering.



The space-saving miracle: CPV-SC

With its slimmed-down dimensions, the CPV-SC can fit in everywhere – including directly on a drive. With three Fluidic Muscles MAS, the assembly creeps forwards and backwards like a caterpillar. An installation-saving solution thanks to a field-bus connection.