CPX-Terminal
Installation with CPX-CP interface

FESTO

Decentralised!

The modular concept of the CPX electrical terminal is moving forwards the world of compact performance. Thanks to the CPX-CP interface, all system components included in the CP installation system are now instandly available on a single system platform – type CPV10/14/18 compact valve terminals, type CPA10/14 modular valve terminals and CP input and output modules. Depending upon the utilised fieldbus protocol, it's even possible to operate several CP interface modules.

The advantages of compact performance

Reduced wiring expenses
The CPX-CP interface is part of a complete installation system for mounting directly to the machine with IP 65/IP67 protection – pneumatics and electronics from a single source. CPX-CP interface for simple connection of CPV/CPA valve terminals to the CPX electrical terminal.

Combination – decentralised plus centralised
Easy mixing of centralised and decentralised installations for an optimised, clear-cut system structure – can be easily adapted to the system.

Scope of CPX-compatible diagnosis functions
Extensive diagnosis functions from the CPX-environment reduce system downtime.

From centralised ... ... with easy connection ... ... to decentralised

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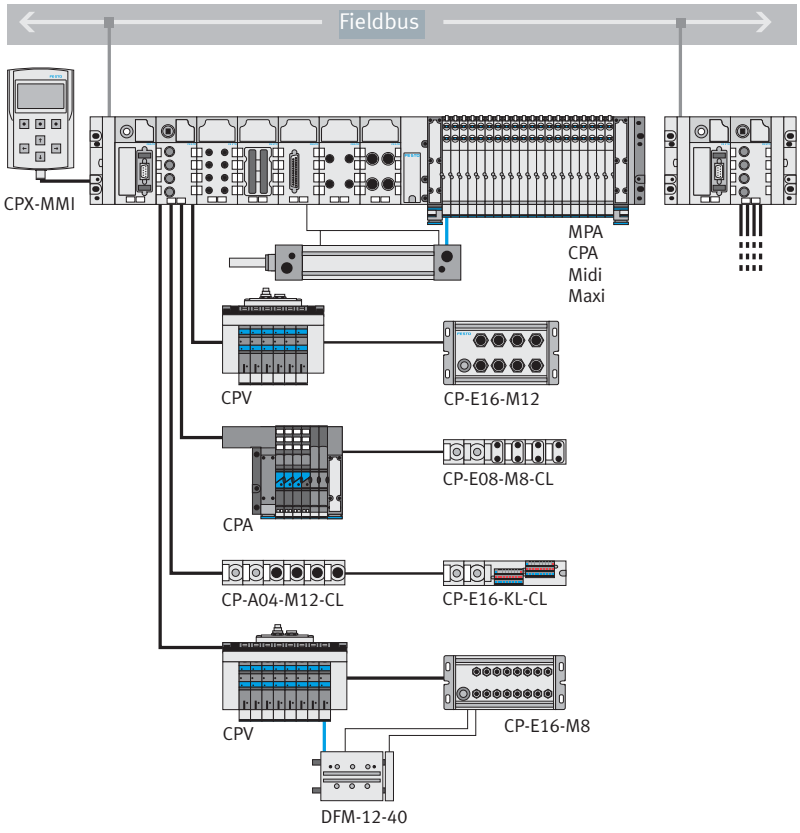
Technical Data

Designation	CPX-CP-4-FB
Protection	IP65/IP67
No. of CP strings	4
String length	Max. 10 m
Number of CP modules per string	1 input module + 1 valve terminal or 1 output module in combination with CL CP-I/O modules: 4 CL modules, mixed as desired
CP system cycle time	4 ms (CL CP-I/O modules only: 2 ms)
Power supply	Via CPX interlinking block
Power supply to CP modules	24 V DC, max. 1.8 A, short-circuit proof, overload proof (electronic fuse)
Configuration check	Automatic after powering up (comparison of current and stored configuration)
Display components	4 LEDs for indicating CP string errors 2 LEDs for indicating supply power (sensors, actuators) 2 LEDs for indicating errors and operating state
Control elements	Save key for saving the current CP configuration
System expansion	CPX modules and CP interface can be mixed as desired several CP interfaces can be used (observe system limits) CP addressing module and bus terminator are unnecessary

Control Architecture



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