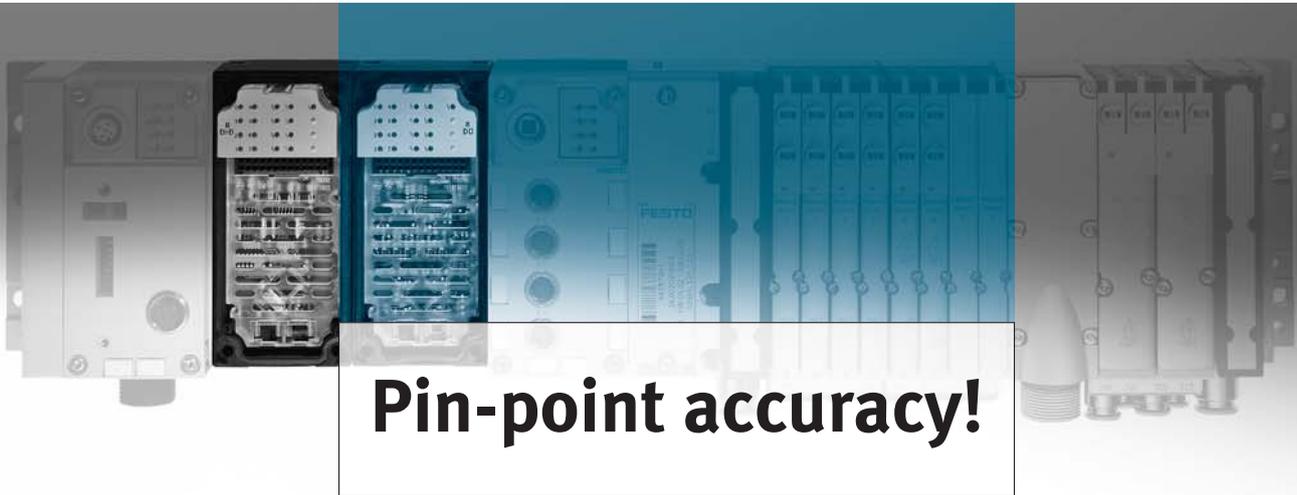


CPX terminal

Digital I/O modules CPX-8DE-D / CPX-8DA



For quick and easy identification of the causes of faults: The new I/O modules CPX-8DA and CPX-8DE-D with channel-oriented diagnostics. 100% more outputs. 8 times more powerful and accurate diagnostic capacity. No need for manual searches – the time saved means less downtime and greater cost-effectiveness.

Extended range of applications, easy to service and electrically robust

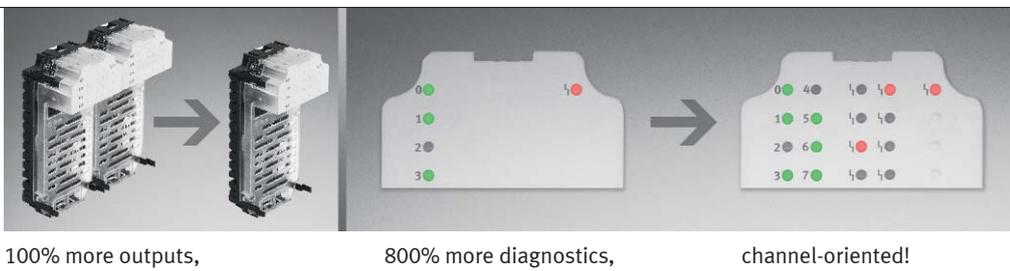
- Digital input module CPX-8DE-D: Benefits applications in which downtime means high costs, e.g. the production of high-value or high-volume goods
- Digital output module CPX-8DA: Especially cost-effective in applications with a large number of external actuators, e.g. when there is a need to trigger small multi-pin terminals

Less is more – for example:

- Reduction of downtime through channel-oriented diagnostics and display of fault cause via channel LEDs, a handheld CPX-MMI or fieldbus/Ethernet
- Reduction of channel costs through large number of channels per module
- Half width thanks to doubled number of channels. This means valve terminal can be narrower

Individuality as standard

Choice of connection systems as appropriate to application environment and any relevant company standard.



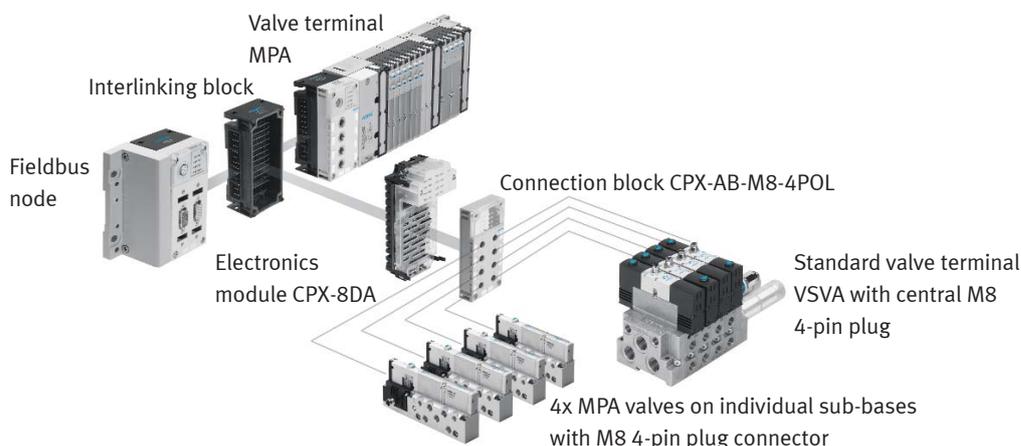
CPX terminal

Digital I/O modules CPX-8DE-D / CPX-8DA

Fast and reliable:

Decentralised valve connections

The digital output module CPX-8DA is especially cost-effective in cases with a large number of external actuators and can be used, for example, to trigger individual valves or small multi-pin valve terminals.



The features at a glance:

New electronics modules with numerous functions: Parameterisable, with module-oriented and channel-oriented diagnostics capability. For:

- Linkage of pneumatic limit valves and universal sensors
- Triggering of universal actuators



CPX-8DE-D



CPX-8DA

Technical data

Type	CPX-8DE-D	CPX-8DA
	Digital modules	
Number of inputs	8	–
Number of outputs	–	8
Characteristic	IEC 1131-2	IEC 1131-2
Switching logic/resolution	PNP	PNP
Max. current per module	0.5 A	4 A
Max. current per channel	0.5 A	0.5 A
Electrical isolation	–	Yes
Parameterisation	<ul style="list-style-type: none"> • Behaviour after short circuit • Input debounce time • Signal extension (channel-wise) 	<ul style="list-style-type: none"> • Behaviour after short circuit • Fail-safe
Diagnostics	Individual channel diagnostics or channel-oriented diagnostics for short circuit/overload	
Functions	Visual diagnostics display via 8 dedicated fault LEDs. Message describing fault channel via network and CPX-MMI in plain text.	

CPX: Wide choice of connection systems

Broad range of electrical functions. There are many possible combinations of a connection block, and electronics module and a further connection block. Easy to make a selection – and just as easy to carry out servicing, thanks to the fact that electronics modules can be replaced easily without disturbing wiring.

Electronics modules			M12 5-pin	M12 5-pin (metalthread)	M12 8-pin	M8 3-pin	M8 4-pin	Harax	Cage Clamp	Sub-D
Digital	IN	OUT								
CPX-4DE	4									
CPX-8DE	8									
CPX-8DE-D	8									
CPX-16DE	16									
CPX-8NDE	8									
CPX-4DA		4								
CPX-8DA		8								
CPX-8DE/D8A	8	8								
Analogue	IN	OUT								
CPX-4AE-I	4									
CPX-4AE-T	4									
CPX-2AE-U-I	2									
CPX-2AA-U-I		2								

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