CPX terminal Handheld CPX-MMI





The small, handy handheld CPX-MMI provides data polling, configuration and diagnosis functions for CPX terminals.

It is also extremely flexible. Data can be read in or out at any location with one-hand operation.

The quicker way of carrying out parameterisation, configuration and diagnostics.

Festo plug & work®

No programming required – no additional software.

Easy to work with ... Open-text display for commis-

sioning, status display and fast search for current faults.

Easy-to-use "Find" function

... Identifies causes of sporadic faults using a diagnostic history of the last 40 fault events with time stamps.

Open-text diagnostics

... For module and channeloriented faults.

Robust design

... High degree of protection. Always up-to-date with WML technology.

Password protection





Service & commissioning,

Festo plug & work[®],

no programming required!

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- Advanced commissioning through the monitoring/forcing of inputs and outputs without fieldbus master/PLC
- Test function for parameter settings, e.g. fail-safe of the outputs or switch-on delay of the inputs

Function examples

System menu		СРХ-ММІ	CPX terminal
System overview CPX terminal 0: FB13-NO ProfibuE 2: 400 Output module 3: 240 Analogue OUE Diag ↔ OK Overview of configured modules. The current diagnostic messages are marked with "!"	Diagnostics/Service	The CPX-MMI is connected to the C cables – Festo plug & work®	PX terminal using preassembled
	Diag Overview System diagnostics Trace data Trace data 2: 400 Output module 4: CPR10/14 Pneumatica Back ↔ OK Fast access to the diagnostic history and the modules with diagnostic message	Trace data NB_FN_Pos_day_h_1 0 0 4 000:00:21 2 5 3 000:00:22 3 0 3 000:00:21 Back +> Detail Display of the last 40 error events with time stamp	 ★ 2: 400 :0 → Channel fault: Ch 2: Output Short circuit Back ↔ Display of the current diagnostic message for a module
	Commissioning		
	 <u>← 4: CPR10/14</u> <u>Monitoring/Forcing (M)</u> Diagnostics (D) Parameters (P) Fail safe (F) Module data (MD) Back OK 	4: CPR10/14 :M Force mode enabled Outp. 15543215 Mask Data	1: 801 :P Input debounce time ○ (0.1 ms) ③ 3 ms ○ 10 ms Back ↔ Set
	Selection of module-specific data and parameters	Display and modification of the current status of the inputs and	Display and modification of the current settings for module-spec-

outputs of a module

Technical features

Designation	CPX-MMI	
Display component	LCD graphical display with background illumination (128 x 64 pixels)	
Control elements	7 keys: 4 arrow keys and 3 function keys	
Interface/connection	Serial with 24 V power supply from CPX terminal, connector M12	
	plug and preassembled cables (1.5 m and 3.5 m)	
Housing	Protection class IP65	
Mounting	H-rail, wall mounting or suspended mounting for short-term	
use within a system		
Dimensions (W x H x D)	81 x 137 x 28 mm	

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