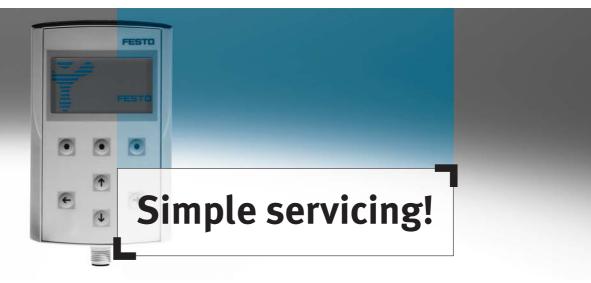
## CPX terminal Handheld CPX-MMI





## 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<sup>®</sup>,

no programming required!

# CPX terminal Handheld CPX-MMI

- 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	<ul> <li>★ 2: 400 :0 →</li> <li>Channel fault:</li> <li>Ch 2: Output</li> <li>Short circuit</li> <li>Back ↔</li> <li>Display of the current diagnostic message for a module</li> </ul>
	Commissioning		
	<ul> <li><u>← 4: CPR10/14</u></li> <li><u>Monitoring/Forcing (M)</u></li> <li>Diagnostics (D)</li> <li>Parameters (P)</li> <li>Fail safe (F)</li> <li>Module data (MD)</li> <li>Back OK</li> </ul>	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	

## Festo AG & Co. KG

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