

Terminal CPX

Technical data – Web Monitor

Function

Web Monitor is a software tool from Festo for CPX modules with integrated web server and Ethernet connection for displaying the CPX service information in real time on a PC connected via a network. This tool provides virtually “free” access to diagnostic and service information, which offers the following benefits:

- Online, up-to-date
- No separate programming
- No separate visualisation

This saves a lot of time and means that there is no need to acquire in-house expertise.

- Supplied on CD-ROM
- Installation on PC
- Adaptation to application
- Loading via Ethernet to the web server of the CPX module
- Display option via touch displays installed on-site (FED 710, 1010, 2010 or 5010)



Application

Only from Festo

CPX is a modular electrical terminal for the connection of pneumatic and electrical control loop systems to automation systems – suitable for all currently used fieldbus systems.


Valve terminals with the comprehensive diagnostic package consisting of pneumatics, electrics and networking systems create unique synergies and

simplify the communication between the electrical and pneumatic control levels. Web Monitor makes this diagnostic and additional information

visible at every station and without extra programming. Convenient error analysis by Web Monitor provides permanent diagnostic reliability.

General technical data		
Type	CPX-WEB-MONITOR	
System requirements	PC	IBM-compatible, Pentium class or comparable
	Drive	CD-ROM
	Interfaces	Network connection and access
	Operating system	Microsoft Windows 98, ME, 2000 or XP
Browser requirements	Microsoft Internet Explorer	Version 5.5 and later
	Mozilla Firefox	Version 1.0 and later (full version of Web Monitor only)
	Java plug-in	Java Runtime Environment (JRE) 1.3 or higher
Java script	Enabled	
Cookies	Enabled	
Functional range	<ul style="list-style-type: none"> • Changing HTML links • Changing symbol names for system, module and channels • Incorporating own web pages • Changing passwords • Incorporating Java applets • Commands for dynamic contents 	
Scope of delivery	CD-ROM with	<ul style="list-style-type: none"> • Installation program • Description in German and English • E-mail driver for FST projects (only relevant when using CPX-FEC modules): SMTP-Driver V0.5 • HTML pages for the web server of CPX terminals
Configurable e-mail alerts	8	
Non-volatile storage of e-mail alerts	Yes	
Sending of e-mails	Initiated by events (positive edge at input bit, output bit, diagnostic bit, flag bit)	
E-mail text	Max. 255 characters	

Ordering data

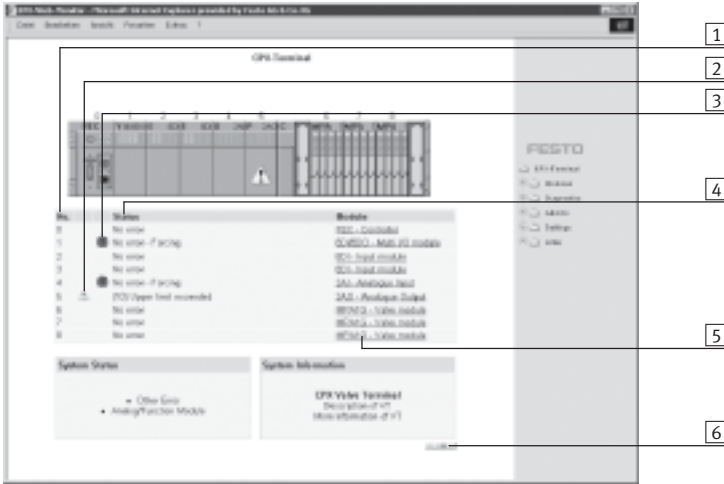
Designation	Part No.	Type
 Software for displaying the CPX service information in real time	545413	CPX-WEB-MONITOR

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Display components

System overview of CPX terminal



- 1 Module numbers from the graphic system overview
- 2 Signalling of fault messages via yellow warning triangle analogous to graphic system overview opposite
- 3 Signalling of activated Force mode via exclamation mark on blue background
- 4 Status information in plain text
- 5 Module designations
- 6 Monitoring display for data communication

Module overview for a selected module



- 1 General information about the module
- 2 Replication of the module display components
- 3 Table with status information on all channels of the module
- 4 Graphic representation of the channel values plotted on a time axis
- 5 Graphic representation of the module status plotted on a time axis

Error log of the CPX Web Monitor



- 1 Sequence number of the entries
- 2 Link for updating the log ("Update trace")
- 3 Start/end time of the message
- 4 Text message
- 5 Module affected (module code/M. number/channel)