

Starter kit TP900 Comfort, Consisting of: TP900 Comfort, WinCC Comfort (TIA Portal), PROFINET cable for test purposes, SIMATIC HMI Memory Card 2 GB, 10 protective films



General information	
Product type designation	TP900 Comfort
Display	
Design of display	TFT
Screen diagonal	9 in
Number of colors	16 777 216
Resolution (pixels)	
• Horizontal image resolution	800 Pixel
• Vertical image resolution	480 Pixel
Control elements	
Keyboard fonts	
• Keys with LED	No
• System keys	No
• Numeric keyboard	Yes; Onscreen keyboard
• alphanumeric keyboard	Yes; Onscreen keyboard
Touch operation	
• Design as touch screen	Yes

Supply voltage	
permissible range, lower limit (DC)	19.2 V
permissible range, upper limit (DC)	28.8 V
Memory	
Memory available for user data	12 Mbyte
Interfaces	
Number of industrial Ethernet interfaces	2
Number of RS 485 interfaces	1; RS 422 / 485 combined
Number of RS 422 interfaces	1
Number of RS 232 interfaces	0
Number of USB interfaces	2; USB 2.0
Number of other interfaces	0
With software interfaces	No
Protocols	
Supports protocol for PROFINET IO	Yes
PROFIBUS	Yes
Protocols (Ethernet)	
• TCP/IP	Yes
Further protocols	
• EtherNet/IP	Yes
• MODBUS	Yes
Degree and class of protection	
IP (at the front)	IP65
Configuration	
Message indicator	Yes
Alarm system (incl. buffer and acknowledgment)	Yes
Process value display (output)	Yes
Process value default (input) possible	Yes
Recipe management	Yes
Languages	
Online languages	
• Number of online/runtime languages	32
Functionality under WinCC (TIA Portal)	
Security	
• Number of user groups	50
Peripherals/Options	
Peripherals	
• Printer	Yes
Dimensions	

Width of the housing front	274 mm
Height of housing front	190 mm
Overall depth	63 mm
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