

TOUCH PANEL TP27-10 10.3" STN COLOR LC DISPLAY 1 MB
FLASH-EPROM

Display	
Design of display	STN, 8 colors
Screen diagonal	10.3 in
graphics-enabled	Yes
Resolution (pixels)	
• Horizontal image resolution	480 Pixel
• Vertical image resolution	640 Pixel
Backlighting	
• MTBF backlighting (at 25 °C)	60 000 h
Control elements	
Control elements	Touch
Keyboard fonts	
• Membrane keyboard	No
— user-definable label membrane keys	No
• Function keys	No
• System keys	
— Number of system keys	0
• Numeric keyboard	Yes
• alphanumeric keyboard	Yes
• hexadecimal keyboard	Yes
• Multi-key operation	No
Touch operation	
• Design as touch screen	Yes; analog, resistive
Connection type	
• Type of connection for mouse/keyboard/barcode reader	- / - / -
Installation type/mounting	
Mounting position	vertical
maximum permissible angle of inclination without external ventilation	35°
Supply voltage	
Type of supply voltage	18 V DC
UPS connectable (serial)	No
Input current	

Current consumption (rated value)	0.8 A
Power	
Active power input, typ.	17 W
Processor	
Processor type	X86, 33 MHz
Drives	
Diskette drive	No
CD-ROM	No
Hard disk	No
Memory	
Type of memory	Flash / RAM
Memory available for user data	1 024 kbyte
Battery	
Backup battery	
<ul style="list-style-type: none"> • Backup battery (optional) • Backup time, min. 	Yes; optional 3.6 V 4 y
Type of output	
Info LED	No
Power LED	No
Time of day	
Clock	
<ul style="list-style-type: none"> • Type • retentive • synchronizable 	Hardware clock, battery backup, synchronizable Yes Yes
Interfaces	
Interfaces/bus type	1 x TTY, 2 x RS232, 1 x RS422, 1 x RS485 (max. 12 Mbit/s)
Number of RS 485 interfaces	1
<ul style="list-style-type: none"> • Transmission rate, max. 	12 Mbit/s
USB port	No
PC card slot	1 x PC card slot
CF card slot	No
Special interfaces	No
Industrial Ethernet	
<ul style="list-style-type: none"> • Industrial Ethernet interface 	No
Degree and class of protection	
IP (at the front)	IP65
IP (rear)	IP20
Standards, approvals, certificates	
Certifications	PRS, FM Class I Div. 2, UL, EX Zone 22

Ambient conditions	
Ambient temperature during storage/transportation	
• min.	-20 °C
• max.	60 °C
Relative humidity	
• Operation, max.	85 %
Operating systems	
pre-installed operating system	Rmos
Configuration	
Configuration software	
• Configuration tool	ProTool Version 3.1 or higher (to be ordered separately)
Dimensions	
Width of the housing front	335 mm
Height of housing front	275 mm
Overall depth	73 mm
Weights	
Weight (without packaging)	5 kg
Other	
free hotline	Yes
Warranty period	1 y
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