

TOUCH PANEL TP27-6 6" STN COLOR LC DISPLAY
PCMCIA,
1 MB FLASH-EPROM

General information	
customer-specific configuration	No
Display	
Design of display	STN
Size	5.7"
Display type	STN, 8 colors
Type	Graphic
Color type	Colors
Resolution (pixels)	
horizontal image resolution	240
vertical image resolution	320
Resolution (WxH in pixel)	240 x 320
Backlighting	
MTBF backlighting (at 25 °C)	about 40,000 hours
Control elements	
Operating options	Touch
Function keys, programmable	none
Membrane keyboard	No
Connection for mouse/keyboard/barcode reader	- / - / -
Keyboard fonts	
user-definable label membrane keys	No
Numeric/alphabetical input	Yes / Yes
hexadecimal keyboard	Yes
Multi-key operation	No
Touch operation	
Touch screen	Matrix, resistive
Supply voltage	
Type of supply voltage	18 V DC
UPS connectable (serial)	No
Input current	
Rated current	0.4 A

Power	
Power	10 W
Processor	
Processor	X86, 33 MHz
Drives	
Diskette drive	No
CD-ROM	No
Hard disk	No
Memory	
Type	Flash / RAM
usable memory for user data	1024 KB usable memory for user data
Battery	
Backup battery	
Backup battery	optional 3.6 V
minimum backup duration	4 a
Type of output	
Info LED	No
Power LED	No
Time of day	
Clock	
Type	Hardware clock, battery backup, synchronizable
Hardware clock (real-time clock)	Yes
Software clock	No
battery-backed	Yes
synchronizable	Yes
Interfaces	
Interfaces	1 x TTY, 2 x RS232, 1 x RS422, 1 x RS485 (max. 12 Mbit/s)
Number of RS 485 interfaces	1
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	
Industrial Ethernet interface	No
Protocols	
PROFIBUS	Yes
MPI	Yes

Further protocols	
AS-i	No
CAN	No
INTERBUS	No
EIB	No
MODBUS	No
Data-Highway	No
DeviceNet	No
Local Operating Network	No
SUCOnet	No
other bus systems	No
Degree and class of protection	
Front	IP65
IP (at the front)	IP65
Rear	IP20
IP (rear)	IP20
Standards, approvals, certificates	
Certifications	PRS, FM Class I Div. 2, UL, EX Zone 22
cULus	No
RCM (former C-TICK)	No
Ambient conditions	
Mounting position	vertical
maximum permissible angle of inclination without external ventilation	+/- 35 °
Storage/transport temperature	
Ambient temperature during storage, minimum	-20 °C
Ambient temperature during storage, maximal	60 °C
Transport, storage	-20 °C to +60 °C
Relative humidity	
Operation, max.	85 %
Operating systems	
Operating system	Rmos
Configuration	
Message indicator	Yes
With alarm logging system (incl. buffer and acknowledgment)	No
Process value display (output)	No
Process value default (input) possible	No
Recipe administration	No
Configuration software	

Configuration tool	ProTool Version 3.1 or higher (to be ordered separately)
1. Configuration kit	ProTool
Version	Version 3.1
Configuration tool	ProTool
Peripherals/Options	
Additional software components loadable	No
Dimensions	
Front of enclosure (W x H)	212 mm x 156 mm
Weights	
Weight (without packaging)	1.5 kg
Other	
free hotline	Yes
Warranty period	1 a
Status	Jul 21, 2014