

Spare part Text display TD17 LC display, LED backlit 4x 20/8x 40 lines x characters for SIMATIC S5, 505, S7, M7 Native drivers, PROFIBUS -DP12

General information	
Customer-specific configuration	No
Display	
Design of display	LC display, black/white
graphics-enabled	No
Line display	
• Number of lines	8
• Number of characters per line	40
Backlighting	
• MTBF backlighting (at 25 °C)	200 000 h
Control elements	
Control elements	Keys
Keyboard fonts	
• Membrane keyboard	Yes
— user-definable label membrane keys	No
• Function keys	No
• System keys	
— Number of system keys	7
• Numeric keyboard	No
• alphanumeric keyboard	No
• hexadecimal keyboard	No
• Multi-key operation	No
Touch operation	
• Design as touch screen	No
Installation type/mounting	
Mounting position	vertical
maximum permissible angle of inclination without external ventilation	90°
Supply voltage	
Type of supply voltage	24 V DC
UPS connectable (serial)	No
Input current	
Current consumption (rated value)	0.34 A

Power	
Active power input, typ.	8.4 W
Processor	
Processor type	X86
Drives	
Diskette drive	No
CD-ROM	No
Hard disk	No
Memory	
Type of memory	Flash / RAM
Memory available for user data	128 kbyte
Battery	
Backup battery	
<ul style="list-style-type: none"> Backup battery (optional) 	Yes; optional 3.6 V
<ul style="list-style-type: none"> Backup time, min. 	4 y
Time of day	
Clock	
<ul style="list-style-type: none"> Type 	Hardware clock, battery backup
<ul style="list-style-type: none"> retentive 	Yes
<ul style="list-style-type: none"> synchronizable 	No
Interfaces	
Interfaces/bus type	1x TTY, 1x RS 232, 1x RS 422, 1x RS 485 (max. 12 Mbit/s)
Number of RS 485 interfaces	1
Number of parallel interfaces	0
With software interfaces	No
Protocols	
PROFIBUS	Yes
MPI	Yes
AS-Interface	No
Further protocols	
<ul style="list-style-type: none"> MODBUS 	No
<ul style="list-style-type: none"> other bus systems 	No
Degree and class of protection	
IP (at the front)	IP65
IP (rear)	IP20
Standards, approvals, certificates	
Certifications	CE, GL, ABS, DNV, LRS, PRS, FM Class I Div. 2, UL, CSA, cULus
Ambient conditions	

Ambient temperature during storage/transportation	
• min.	-25 °C
• max.	70 °C
Relative humidity	
• Operation, max.	95 %
Operating systems	
pre-installed operating system	Rmos
Configuration	
Message indicator	Yes
Alarm system (incl. buffer and acknowledgment)	No
Process value display (output)	No
Process value default (input) possible	No
Recipe management	No
Configuration software	
• Configuration tool	ProTool / Lite Version 2.51 or higher (to be ordered separately)
Peripherals/Options	
Additional software components loadable	No
Dimensions	
Width of the housing front	240 mm
Height of housing front	98 mm
Overall depth	47 mm
Weights	
Weight (without packaging)	0.9 kg
Other	
free hotline	Yes
last modified:	01/19/2019