

*** SPARE PART*** OPERATOR PANEL OP7/DP LC DISPLAY,
BACKLIT LED 4 LINES, 20 CHARACTERS/LINE, SIMATIC S7, M7,
PROFIBUS-DP 1.5 MBAUD UL/CSA-LISTED



General information	
Customer-specific configuration	No
Display	
graphics-enabled	No
Line display	
• Number of lines	4
• Number of characters per line	20
Backlighting	
• MTBF backlighting (at 25 °C)	100 000 h
Control elements	
Control elements	Keys
Keyboard fonts	
• Membrane keyboard	Yes
— user-definable label membrane keys	Yes
• Function keys	
— Number of function keys	8
— Number of function keys with LEDs	4
• System keys	

— Number of system keys	22
• Numeric keyboard	Yes
• alphanumeric keyboard	Yes
• hexadecimal keyboard	Yes
• Multi-key operation	No
Touch operation	
• Design as touch screen	No
Connection type	
• Connection for mouse/keyboard/barcode reader	- / - / -
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)	0.19 A
Processor	
Processor type	X86
Drives	
Diskette drive	Yes
CD-ROM	No
Hard disk	No
Memory	
Type of memory	Flash / RAM
Memory available for user data	128 kbyte
Type of output	
Info LED	Yes
Power LED	No
Error LED	No
Time of day	
Clock	
• Type	Software clock, synchronizable, no battery backup
• retentive	No
• synchronizable	Yes
Interfaces	
Interfaces/bus type	1 x RS232, 1 x RS422, 1 x RS485 (max. 1.5 Mbit/s)

Number of RS 485 interfaces	1
• Transmission rate, max.	1.5 Mbit/s
Number of parallel interfaces	1
USB port	No
PC card slot	No
CF card slot	No
Special interfaces	No
Industrial Ethernet	
• Industrial Ethernet interface	No

Degree and class of protection

IP (at the front)	IP65
IP (rear)	IP20

Standards, approvals, certificates

Certifications	CE, GL, BV, DNV, LRS, PRS, FM Class I Div. 2, UL, CSA, cULus, EX zone 2/22
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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
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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 or Version 1 (to be ordered separately)

Peripherals/Options

Additional software components loadable	No
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Dimensions

Width of the housing front	144 mm
Height of housing front	180 mm
Overall depth	38.5 mm

Weights

Weight (without packaging)	0.43 kg
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Other	
free hotline	Yes
Warranty period	1 y
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