



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

### Product function

Customer-specific configuration

No

### Display

graphics-enabled

No

Display type

Black/white

Type

Lines

Line display

LC display

Number of lines, max.

4

Characters per line (max.)

20

Color type

Black/white

### Backlighting

MTBF backlighting (at 25 °C)

about 100,000 hours

### Control elements

Operating options

Keys

Function keys, programmable

8 function keys, 4 with LEDs

Connection for mouse/keyboard/barcode reader

- / - / -

### Keyboard fonts

freely inscribable membrane keys

Yes

<b>Numeric/alphabetical input</b>	Yes / Yes
<b>hexadecimal keyboard</b>	Yes
<b>Multi-key operation</b>	No
<b>Touch operation</b>	
<b>Touch screen</b>	No
<b>Supply voltage</b>	
<b>Supply voltage</b>	24 V DC
<b>UPS connectable (serial)</b>	No
<b>Input current</b>	
<b>Rated current</b>	0.19 A
<b>Processor</b>	
<b>Processor</b>	X86
<b>Memory</b>	
<b>Type</b>	Flash / RAM
<b>Usable memory for user data</b>	128 KB usable memory for user data
<b>Type of output</b>	
<b>Info LED</b>	Yes
<b>Power LED</b>	No
<b>Error LED</b>	No
<b>Drives</b>	
<b>Diskette drive</b>	Yes
<b>CD-ROM</b>	No
<b>Hard disk</b>	No
<b>Time of day</b>	
<b>Clock</b>	
<b>Type</b>	Software clock, synchronizable, no battery backup
<b>Interfaces</b>	
<b>Interfaces</b>	1 x RS232, 1 x RS422, 1 x RS485 (max. 1.5 Mbit/s)
<b>Number of RS 485 interfaces</b>	1
<b>Transmission rate, max.</b>	1.5 Mbit/s
<b>USB port</b>	No
<b>PC card slot</b>	No
<b>CF card slot</b>	No
<b>Number of parallel interfaces</b>	1
<b>Special interfaces</b>	No
<b>Industrial Ethernet</b>	
<b>Industrial Ethernet interface</b>	No
<b>Degree and class of protection</b>	

<b>Front</b>	IP65
<b>Type of protection</b>	IP20
<b>IP (at the front)</b>	IP65
<b>Rear</b>	IP20
<b>Standards, approvals, certificates</b>	
<b>Certifications</b>	CE, GL, BV, DNV, LRS, PRS, FM Class I Div. 2, UL, CSA, cULus, EX zone 2/22
<b>Ambient conditions</b>	
<b>Mounting position</b>	vertical
<b>maximum permissible angle of inclination without external ventilation</b>	+/- 90 °
<b>Storage/transport temperature</b>	
<b>Ambient temperature during storage, minimum</b>	-25 °C
<b>Ambient temperature during storage, maximal</b>	70 °C
<b>Transport, storage</b>	-25 °C to +70 °C
<b>Relative humidity</b>	
<b>max. relative humidity</b>	95 %
<b>Operating systems</b>	
<b>Operating system</b>	RMOS
<b>Configuration</b>	
<b>Message indicator</b>	Yes
<b>With alarm logging system (incl. buffer and acknowledgment)</b>	No
<b>Process value display (output)</b>	No
<b>Process value default (input) possible</b>	No
<b>Recipe administration</b>	No
<b>Configuration software</b>	
<b>Configuration tool</b>	ProTool / Lite Version 2.51 or higher or Version 1 (to be ordered separately)
<b>1st configuration kit</b>	ProTool / Lite
<b>Version</b>	Version 2.51
<b>Configuration tool</b>	ProTool
<b>Type</b>	Lite
<b>2nd configuration kit</b>	
<b>Version</b>	Version 1
<b>I/O / Options</b>	
<b>Additional software components loadable</b>	No
<b>Dimensions</b>	
<b>Front of enclosure (W x H)</b>	144 mm x 180 mm
<b>Weight</b>	

<b>Weight</b>	0.43 kg
<b>other</b>	
<b>free hotline</b>	Yes
<b>Warranty period</b>	1 a
Status	Mar 11, 2013