

OPERATOR PANEL OP17/DP LC DISPLAY,  
BACKLIT LED 4X20/8X40 LINESXCHARACTERS SIMATIC  
S7,  
M7 PROFIBUS-DP 1.5 MBAUD UL/CSA-LISTED



### Display

|                            |             |
|----------------------------|-------------|
| Display type               | Black/white |
| Type                       | Lines       |
| Line display               | LC display  |
| Number of lines, max.      | 8           |
| Characters per line (max.) | 40          |
| Color type                 | Black/white |

### Backlighting

|                              |                     |
|------------------------------|---------------------|
| MTBF backlighting (at 25 °C) | about 200,000 hours |
|------------------------------|---------------------|

### Control elements

|                                              |                                |
|----------------------------------------------|--------------------------------|
| Operating options                            | Keys                           |
| Function keys, programmable                  | 24 function keys, 16 with LEDs |
| Membrane keyboard                            | Yes                            |
| Connection for mouse/keyboard/barcode reader | - / - / -                      |

### Keyboard fonts

|                                    |          |
|------------------------------------|----------|
| user-definable label membrane keys | Yes      |
| Numeric/alphabetical input         | Yes / No |
| hexadecimal keyboard               | Yes      |
| Multi-key operation                | No       |

|                                         |                                                   |
|-----------------------------------------|---------------------------------------------------|
| <b>Supply voltage</b>                   |                                                   |
| <b>Type of supply voltage</b>           | 24 V DC                                           |
| <b>UPS connectable (serial)</b>         | No                                                |
| <b>Input current</b>                    |                                                   |
| <b>Rated current</b>                    | 0.34 A                                            |
| <b>Power</b>                            |                                                   |
| <b>Power</b>                            | 10 W                                              |
| <b>Processor</b>                        |                                                   |
| <b>Processor</b>                        | X86                                               |
| <b>Drives</b>                           |                                                   |
| <b>Diskette drive</b>                   | No                                                |
| <b>CD-ROM</b>                           | No                                                |
| <b>Hard disk</b>                        | No                                                |
| <b>Memory</b>                           |                                                   |
| <b>Type</b>                             | Flash / RAM                                       |
| <b>Usable memory for user data</b>      | 256 KB usable memory for user data                |
| <b>Battery</b>                          |                                                   |
| <b>Backup battery</b>                   |                                                   |
| <b>Backup battery</b>                   | optional 3.6 V                                    |
| <b>minimum backup duration</b>          | 4 a                                               |
| <b>Type of output</b>                   |                                                   |
| <b>Info LED</b>                         | Yes                                               |
| <b>Power LED</b>                        | No                                                |
| <b>Error LED</b>                        | Yes                                               |
| <b>Time of day</b>                      |                                                   |
| <b>Clock</b>                            |                                                   |
| <b>Type</b>                             | Hardware clock, battery backup, synchronizable    |
| <b>Hardware clock (real-time clock)</b> | Yes                                               |
| <b>Software clock</b>                   | No                                                |
| <b>battery-backed</b>                   | Yes                                               |
| <b>synchronizable</b>                   | Yes                                               |
| <b>Interfaces</b>                       |                                                   |
| <b>Interfaces</b>                       | 2 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>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>IP (at the front)</b>                                                     | IP65                                                             |
| <b>Rear</b>                                                                  | IP20                                                             |
| <b>IP (rear)</b>                                                             | IP20                                                             |
| <b>Standards, approvals, certificates</b>                                    |                                                                  |
| <b>Certifications</b>                                                        | CE, PRS, FM Class I Div. 2, UL, EX Zone 2/22                     |
| <b>cULus</b>                                                                 | No                                                               |
| <b>RCM (former C-TICK)</b>                                                   | No                                                               |
| <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>Operation, max.</b>                                                       | 95 %                                                             |
| <b>Operating systems</b>                                                     |                                                                  |
| <b>Operating system</b>                                                      | Rmos                                                             |
| <b>Configuration</b>                                                         |                                                                  |
| <b>Configuration software</b>                                                |                                                                  |
| <b>Configuration tool</b>                                                    | ProTool / Lite Version 2.51 or higher (to be ordered separately) |
| <b>1. Configuration kit</b>                                                  | ProTool / Lite                                                   |
| <b>Version</b>                                                               | Version 2.51                                                     |
| <b>Configuration tool</b>                                                    | ProTool                                                          |
| <b>Type</b>                                                                  | Lite                                                             |
| <b>Dimensions</b>                                                            |                                                                  |
| <b>Front of enclosure (W x H)</b>                                            | 240 mm x 204 mm                                                  |
| <b>Weights</b>                                                               |                                                                  |
| <b>Weight (without packaging)</b>                                            | 0.96 kg                                                          |
| <b>Other</b>                                                                 |                                                                  |
| <b>free hotline</b>                                                          | Yes                                                              |
| <b>Warranty period</b>                                                       | 1 a                                                              |

