

Starter kit TP700 Comfort, Consisting of: TP700 Comfort, WinCC Comfort (TIA Portal), PROFINET cable for test purposes, SIMATIC HMI Memory Card 2 GB, 10 protective films



Figure similar

| General information           |                        |
|-------------------------------|------------------------|
| Product type designation      | TP700 Comfort          |
| Display                       |                        |
| Design of display             | TFT                    |
| Screen diagonal               | 7 in                   |
| Number of colors              | 16 777 216             |
| Resolution (pixels)           |                        |
| • Horizontal image resolution | 800 Pixel              |
| • Vertical image resolution   | 480 Pixel              |
| Control elements              |                        |
| Keyboard fonts                |                        |
| • Keys with LED               | No                     |
| • System keys                 | No                     |
| • Numeric keyboard            | Yes; Onscreen keyboard |
| • alphanumeric keyboard       | Yes; Onscreen keyboard |
| Touch operation               |                        |

|                                                |                        |
|------------------------------------------------|------------------------|
| • Design as touch screen                       | Yes                    |
| <b>Supply voltage</b>                          |                        |
| permissible range, lower limit (DC)            | 19.2 V                 |
| permissible range, upper limit (DC)            | 28.8 V                 |
| <b>Memory</b>                                  |                        |
| Memory available for user data                 | 12 Mbyte               |
| <b>Interfaces</b>                              |                        |
| Number of industrial Ethernet interfaces       | 2                      |
| Number of RS 485 interfaces                    | 1; RS 422/485 combined |
| Number of RS 422 interfaces                    | 1                      |
| Number of RS 232 interfaces                    | 0                      |
| Number of USB interfaces                       | 2; USB 2.0             |
| Number of other interfaces                     | 0                      |
| With software interfaces                       | No                     |
| <b>Protocols</b>                               |                        |
| Supports protocol for PROFINET IO              | Yes                    |
| PROFIBUS                                       | Yes                    |
| <b>Protocols (Ethernet)</b>                    |                        |
| • TCP/IP                                       | Yes                    |
| <b>Further protocols</b>                       |                        |
| • EtherNet/IP                                  | Yes                    |
| • MODBUS                                       | Yes                    |
| <b>Degree and class of protection</b>          |                        |
| IP (at the front)                              | IP65                   |
| <b>Configuration</b>                           |                        |
| Message indicator                              | Yes                    |
| Alarm system (incl. buffer and acknowledgment) | Yes                    |
| Process value display (output)                 | Yes                    |
| Process value default (input) possible         | Yes                    |
| Recipe management                              | Yes                    |
| <b>Languages</b>                               |                        |
| <b>Online languages</b>                        |                        |
| • Number of online/runtime languages           | 32                     |
| <b>Functionality under WinCC (TIA Portal)</b>  |                        |
| <b>Security</b>                                |                        |
| • Number of user groups                        | 50                     |
| <b>Peripherals/Options</b>                     |                        |
| <b>Peripherals</b>                             |                        |
| • Printer                                      | Yes                    |

## Dimensions

|                            |        |
|----------------------------|--------|
| Width of the housing front | 214 mm |
|----------------------------|--------|

|                         |        |
|-------------------------|--------|
| Height of housing front | 158 mm |
|-------------------------|--------|

|               |       |
|---------------|-------|
| Overall depth | 63 mm |
|---------------|-------|

|                       |            |
|-----------------------|------------|
| <b>last modified:</b> | 01/29/2018 |
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