

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 |
| Supply voltage | |
| permissible range, lower limit (DC) | 19.2 V |
| permissible range, upper limit (DC) | 28.8 V |
| Memory | |
| Memory available for user data | 12 Mbyte |
| Interfaces | |
| 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 |
| Protocols | |
| Supports protocol for PROFINET IO | Yes |
| PROFIBUS | Yes |
| Protocols (Ethernet) | |
| • TCP/IP | Yes |
| Further protocols | |
| • EtherNet/IP | Yes |
| • MODBUS | Yes |
| Degree and class of protection | |
| IP (at the front) | IP65 |
| Configuration | |
| Message indicator | Yes |
| Alarm system (incl. buffer and acknowledgment) | Yes |
| Process value display (output) | Yes |
| Process value default (input) possible | Yes |
| Recipe management | Yes |
| Languages | |
| Online languages | |
| • Number of online/runtime languages | 32 |
| Functionality under WinCC (TIA Portal) | |
| Security | |
| • Number of user groups | 50 |
| Peripherals/Options | |
| Peripherals | |
| • Printer | Yes |

Dimensions

| | |
|----------------------------|------------|
| Width of the housing front | 214 mm |
| Height of housing front | 158 mm |
| Overall depth | 63 mm |
| last modified: | 08/14/2018 |