SIEMENS

Data sheet



SIMATIC IFP1200 Basic Flat Panel 12" display (16:10), Touch, 1280 x 800 pixels, standard up to 5 m, for 24V DC, DisplayPort/VGA interface

| General information | | |
|---|--|--|
| Product type designation | IFP1200 Basic | |
| Short designation | Basic Flat Panel 12" Touch | |
| Display | | |
| Design of display | TFT widescreen display, LED backlighting | |
| Screen diagonal | 12.1 in; 12" | |
| On Screen Display (OSD) configuration | No | |
| Number of colors | 16 000 000; 16 million | |
| Resolution (pixels) | | |
| Image resolution | 1 280 x 800 | |
| Horizontal image resolution | 1 280 pixel | |
| Vertical image resolution | 800 pixel | |
| General features | | |
| Detachable from computer unit | 5 m | |
| Backlighting | | |
| Type of backlighting | LED | |
| MTBF backlighting (at 25 °C) | 50 000 h | |
| Backlight dimmable | Yes; 0-100 % | |
| Control elements | | |
| Control elements | single-touch screen | |
| Input device | | |
| Integrated mouse cursor control | No | |
| Touch operation | | |
| Design as touch screen | Yes; Analog-resistive | |
| Installation type/mounting | | |
| Design | Built-in unit | |
| Front mounting | Yes | |
| VESA mounting | Yes; VESA 100 x 100 integrated | |
| Mounting in portrait format possible | Yes | |
| Mounting in landscape format possible | Yes | |
| Built-in unit | Yes; Portrait mode possible | |
| maximum permitted forward tilt angle from vertical | 45° | |
| maximum permitted backward tilt angle from vertical | 45° | |
| Supply voltage | | |
| Type of supply voltage | DC | |
| Rated value (DC) | 24 V | |
| permissible range, lower limit (DC) | 20.4 V | |
| permissible range, upper limit (DC) | 28.8 V | |
| Power loss | | |
| Power loss, typ. | 13 W | |

| Power loss, max. | 60 W | |
|---|---------------------------------|--|
| Interfaces | | |
| Number of USB interfaces | 2; USB 2.0 (downstream) | |
| USB on the rear | Yes; 2x onboard | |
| Video interfaces | | |
| DisplayPort | Yes | |
| Touch interfaces | | |
| • USB | Yes; USB2.0 Type B | |
| Degree and class of protection | | |
| IP (at the front) | IP65 | |
| Standards, approvals, certificates | | |
| CE mark | Yes | |
| cULus | Yes; UL 61010-1, UL 61010-2-201 | |
| RCM (formerly C-TICK) | Yes | |
| KC approval | Yes | |
| EAC (formerly Gost-R) | Yes | |
| FCC | Yes | |
| Ambient conditions | | |
| Ambient temperature during operation | | |
| • min. | 0°C | |
| • max. | 45 °C | |
| Ambient temperature during storage/transportation | | |
| • min. | -20 °C | |
| • max. | 60 °C | |
| Relative humidity | | |
| Operation, max. | 85 % | |
| Vibrations | | |
| Vibration load in operation | 5 m/s ² | |
| Vibration load during transport/storage | 10 m/s² | |
| Shock testing | | |
| Shock load during operation | 150 m/s² | |
| shock acceleration during storage/transport | 150 m/s² | |
| Mechanics/material | | |
| Enclosure material (front) | | |
| Aluminum | Yes | |
| Dimensions | | |
| Width of the housing front | 320 mm | |
| Height of housing front | 226 mm | |
| Mounting cutout, width | 302 mm | |
| Mounting cutout, height | 208 mm | |
| Overall depth | 51 mm | |
| Weights | | |
| Weight (without packaging) | 2.7 kg | |

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