SIEMENS

Data sheet



SIMATIC IFP1200 V2 extended; 12" multi-touch display (16:10) with 1280x800 pixel resolution; built-in unit for 24 V DC, display port interface, can be placed up to 100 m away HDBaseT; USB on the rear side; standard design

Figure similar

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|---|--|
| General information | |
| Product type designation | IFP1200 V2 |
| Short designation | Flat Panel 12" multi-touch ext. |
| Display | |
| Design of display | TFT widescreen display, LED backlighting |
| Screen diagonal | 12.1 in |
| Screen diagonal [cm] | 30.7 cm |
| Display width | 261.1 mm |
| Display height | 163.2 mm |
| On Screen Display (OSD) configuration | No |
| Number of colors | 16 777 216; 24 bit |
| Viewing angle | 176° x 176° |
| Resolution (pixels) | |
| Image resolution | 1 280 x 800 |
| Horizontal image resolution | 1 280 pixel |
| Vertical image resolution | 800 pixel |
| Pixel size, horizontal | 0.204 mm |
| Pixel size, vertical | 0.204 mm |
| General features | |
| Brightness/contrast | 400 cd/m² / 800:1 |
| Detachable from computer unit | 100 m; HDBaseT protocol |
| • Luminance | 400 cd/m² |
| Backlighting | |
| Type of backlighting | LED |
| MTBF backlighting (at 25 °C) | 70 000 h; At 25°C |
| Backlight dimmable | Yes; 0-100 % |
| Control elements | |
| Input device | |
| Integrated mouse cursor control | Yes; Also externally via USB |
| Touch operation | |
| Design as touch screen | Yes |
| Design as multi-touch screen | Yes; Projective-capacitive |
| Monitor keyboard | Yes |
| Installation type/mounting | |
| Design | Built-in unit |
| Front mounting | Yes |
| Mounting in portrait format possible | Yes |
| Mounting in landscape format possible | Yes |
| Built-in unit | Yes; Portrait mode possible |
| | |

| maximum permitted florward tit angle from vertical Singhy voltage Supply voltage Part of supply voltage Ratid value (DC) Ratid value (DC) Part of supply voltage DC Ratid value (DC) Prover tools upper first (DC) Prover tools (DC) | | 0.70 |
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| USB on the rear Connection for keyboard/mouse Ves; 2x onboard USB Ves; DisplayPort Touch interfaces • USB Ves Degree and class of protection IP (at the front) IP (at the front) IP (rear) IP (at the front) • Enclosure Type 4 at the front • Yes Ves • Lought Agent A | | 2: USD 2.0 tupo A |
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| USB Yes Ogree and class of protection IP (at the front) IP (ear) Emolosure Type 4 at the front Enclosure Type 12 at the front Enclosure Type 12 at the front Enclosure Type 4 at the front Yes Standards, approvals, cortificates Octrificate of suitability Determine Type 4 at the front Yes Standards, approvals, cortificates Octrificate of suitability Emal Type 4 at the front Yes Standards, approvals, cortificates Octrificate of suitability Pes UL approval Yes, Corresponds to UL 508 PM approval Yes, Corresponds to UL 508 Yes, Available soon Yes, In application process Available soon Yes, In application process Ambient temperature during operation Imm. | | Yes: Display port V1.2 |
| ● USB | | 1.00, Diopidy port v 1.2 |
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| IP (at the front) | | |
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| NEMA (front) | | |
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| • Installation altitude above sea level, max. 3 500 m | IECEx Zone 22 FM Class I Division 2 Marine approval Germanischer Lloyd (GL) American Bureau of Shipping (ABS) Bureau Veritas (BV) Det Norske Veritas (DNV) Lloyds Register of Shipping (LRS) Nippon Kaiji Kyokai (Class NK) Ambient conditions Ambient temperature during operation min. max. Ambient temperature during storage/transportation min. max. | Yes; Available soon Yes Yes; In application process Yes; O °C 50 °C |
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| Relative humidity | |
|---|--------------------------|
| Operation, max. | 95 %; no condensation |
| Vibrations | |
| Vibration load in operation | 1 gn |
| Vibration load during transport/storage | 1 gn |
| Shock testing | |
| Shock load during operation | 15 gn |
| shock acceleration during storage/transport | 15 gn |
| Mechanics/material | |
| Enclosure material (front) | In standard design |
| Aluminum | Yes |
| Aluminum casting | Yes |
| • Glass | Yes; at front |
| Enclosure material (rear) | aluminum |
| Dimensions | |
| Width of the housing front | 326 mm |
| Height of housing front | 237 mm |
| Mounting cutout, width | 310 mm; Tolerance: +1 mm |
| Mounting cutout, height | 221 mm; Tolerance: +1 mm |
| Overall depth | 62.5 mm |
| Weights | |
| Weight (without packaging) | 3 kg |
| Weight (with packaging) | 4.4 kg |

last modified:

2/11/2022