# SIEMENS

Figure similar

SIMATIC IFP (Ethernet MON), 19" Touch TFT, with continuous foil, INOX enclosure, all-round IP66, Flange adapter for support arm, 2x illuminated pushbuttons LED, 1x emergency switching-off on terminal, Display port, Ethernet, USB, 24 V DC power supply; based on SIMATIC IFP1900 (6AV7863-3MA20-0AA0) for connection (1: 1) at IPC427D

| General information | |
|---|---|
| Product type designation | IFP1900 INOX PRO |
| Short designation | Flat Panel 19" INOX PRO ETH single-touch |
| **Display** | |
| Design of display | 18.5" TFT widescreen display |
| Screen diagonal | 18.5 in |
| Screen diagonal [cm] | 47 cm |
| Display width | 409.8 mm |
| Display height | 230.4 mm |
| Number of colors | 16 000 000 |
| Resolution (pixels) | |
| ● Horizontal image resolution | 1 366 pixel |
| ● Vertical image resolution | 768 pixel |
| General features | |
| ● Brightness/contrast | 400 cd/m² / 700:1 |
| ● non-reflective and tempered mineral glass screen | No |
| ● Detachable from computer unit | 100 m |
| ● Luminance | 400 cd/m² |
| Backlighting | |
| ● Type of backlighting | LED, dimmable |
| ● MTBF backlighting (at 25 °C) | 50 000 h |
| ● Backlight dimmable | Yes |
| **Control elements** | |
| Control elements | single-touch screen |
| Input device | |
| ● Integrated mouse cursor control | No |
| Touch operation | |
| ● Design as touch screen | Yes |
| ● Design as multi-touch screen | No |
| ● Monitor keyboard | No |
| **Installation type/mounting** | |
| Design | Support arm mounting |
| Front mounting | No |
| Support arm mounting | Yes |
| Stand mounting | No |
| VESA mounting | No |
| Mounting in portrait format possible | No |
| Mounting in landscape format possible | No |

| | |
|---|---|
| Built-in unit | No |
| maximum permitted forward tilt angle from vertical | 30° |
| maximum permitted backward tilt angle from vertical | -30° |
| **Supply voltage** | |
| Type of supply voltage | DC |
| Rated value (DC) | 24 V |
| permissible range, lower limit (DC) | 19.2 V |
| permissible range, upper limit (DC) | 28.8 V |
| **Input current** | |
| Current consumption (rated value) | 2 A |
| Starting current inrush I²t | 0.5 A²·s |
| **Power loss** | |
| Power loss, typ. | 40 W |
| **Interfaces** | |
| Number of industrial Ethernet interfaces | 1 |
| Number of USB interfaces | 2 |
| USB on the rear | No |
| USB at the front | No |
| Connection for keyboard/mouse | USB |
| Video interfaces | |
| ● DVI-D | No |
| ● DisplayPort | Yes |
| Touch interfaces | |
| ● USB | Yes |
| Industrial Ethernet | |
| ● Transmission rate, max. | 1 Mbit/s |
| **Degree and class of protection** | |
| IP (at the front) | IP66 |
| IP (rear) | IP66 |
| NEMA (front) | |
| ● Enclosure Type 4 at the front | No |
| ● Enclosure Type 4x at the front | No |
| ● Enclosure Type 12 at the front | No |
| **Standards, approvals, certificates** | |
| CE mark | Yes |
| UL approval | Yes |
| ● UL 508 | Yes |
| cULus | Yes |
| FM approval | No |
| RCM (formerly C-TICK) | No |
| KC approval | No |
| EAC (formerly Gost-R) | No |
| CCC | No |
| FCC | Yes |
| EMC | CE, EN 61000-6-4; CISPR 22 Class A; FCC Class A |
| Marine approval | No |
| Use in hazardous areas | |
| ● ATEX Zone 2 | No |
| ● ATEX Zone 22 | No |
| ● IECEx Zone 2 | No |
| ● IECEx Zone 22 | No |
| ● cULus Class I Zone 1 | No |
| ● cULus Class I Zone 2, Division 2 | No |
| ● FM Class I Division 2 | No |
| Marine approval | |
| ● Germanischer Lloyd (GL) | No |
| ● American Bureau of Shipping (ABS) | No |
| ● Bureau Veritas (BV) | No |
| ● Det Norske Veritas (DNV) | No |

| | |
|---|---|
| ● Korean Register of Shipping (KRS) | No |
| ● Lloyds Register of Shipping (LRS) | No |
| ● Nippon Kaiji Kyokai (Class NK) | No |
| ● Polski Rejestr Statkow (PRS) | No |
| ● Chinese Classification Society (CCS) | No |

## 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 | 10 m/s² |
| ● Vibration load during transport/storage | 10 m/s² |
| Shock testing | |
| ● Shock load during operation | 150 m/s² |
| ● shock acceleration during storage/transport | 250 m/s² |

## configuration / header

| | |
|---|---|
| Configuration | |
| ● Local | Yes |
| ● Remote | No |

## Mechanics/material

| | |
|---|---|
| Enclosure material (front) | Stainless steel V2A |
| ● Plastic | Yes |
| ● Aluminum | No |
| ● Stainless steel | Yes |
| ● Aluminum casting | No |
| ● Glass | No |
| Enclosure material (rear) | Stainless steel V2A |

## Dimensions

| | |
|---|---|
| Width | 544 mm |
| Height | 430.7 mm |
| Depth | 136 mm |

## Weights

| | |
|---|---|
| Weight (without packaging) | 15.5 kg |

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|---|---|
| **last modified:** | 11/2/2021 ⬈ |

7/9/2022