SIEMENS

Data sheet 6AV7466-1TA00-0AA0

SIMATIC IFP1200, Flat Panel 12" display (16:10), Touch, Standard up to 5 m, 1280x 800 pixels, for 24 V DC, display port/DVI interface incl. DVI/USB cable 1.8 m

General information	
Product type designation	IFP1200
Short designation	Flat Panel 12" touch
Display	
Design of display	TFT widescreen display, LED backlighting
Screen diagonal	12.1 in
Display width	261 mm
Display height	163 mm
On Screen Display (OSD) configuration	No; Adjustable by means of software
Number of colors	16 777 216; 24 bit
Viewing angle	170° x 170°
Resolution (pixels)	
● Horizontal image resolution	1 280 pixel
● Vertical image resolution	800 pixel
General features	
● Brightness/contrast	400 cd/m² / 1 000:1
● Luminance	400 cd/m²
Backlighting	
● Type of backlighting	LED
● MTBF backlighting (at 25 °C)	50 000 h; At 25°C
● Backlight dimmable	Yes; 5-100 %
Control elements	
Input device	
● Integrated mouse cursor control	No
Touch operation	
● Design as touch screen	Yes
Installation type/mounting	
Front mounting	Yes
Built-in unit	Yes
maximum permitted forward tilt angle from vertical	35°
maximum permitted backward tilt angle from vertical	35°
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
Power loss	
Power loss, typ.	40 W
Power loss, max.	65 W
Interfaces	

Video interfaces	
● DVI-D	Yes
● DisplayPort	Yes; DisplayPort V1.1
Touch interfaces	
● USB	Yes
Degree and class of protection	
IP (at the front)	IP65
IP (rear)	IP20
NEMA (front)	
● Enclosure Type 4 at the front	Yes
Standards, approvals, certificates	
CE mark	Yes
cULus	Yes; Corresponds to UL 508
RCM (formerly C-TICK)	Yes
KC approval	Yes
Use in hazardous areas	
● ATEX Zone 22	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
● Lloyds Register of Shipping (LRS)	No
● Nippon Kaiji Kyokai (Class NK)	No
● Polski Rejestr Statkow (PRS)	No
Ambient conditions	
Ambient temperature during operation	
● min.	0 °C
● max.	50 °C
Ambient temperature during storage/transportation	
● min.	-20 °C
● max.	60 °C
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	150 m/s²
Mechanics/material	
Enclosure material (front)	
● Aluminum	Yes
Dimensions	
Width of the housing front	330 mm
Height of housing front	241 mm
Mounting cutout, width	310 mm; Tolerance: +1 mm
Mounting cutout, height	221 mm; Tolerance: +1 mm
Overall depth	76 mm
Weights	
Weight (without packaging)	2.65 kg
Weight (with packaging)	3.5 kg

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