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

* 11 *	
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/m ²
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

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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:

9/6/2023