SIEMENS

Data sheet

*** spare part *** SIMATIC IFP1500 Flat Panel 15" display (16:10), without touch, display only, extended version up to 30 m, 1280x800 pixels, for 24 V DC and 100-240 V AC, DisplayPort/DVI interface incl. DVI/USB cable 1.8 m



Figure similar

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General information	
Product type designation	IFP1500
Short designation	Flat Panel 15" display ext.
Display	
Design of display	TFT widescreen display, LED backlighting
Screen diagonal	15.4 in; 15"
Screen diagonal [cm]	40 cm
Display width	331.2 mm
Display height	207 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)	
 Image resolution 	1 280 x 800
 Horizontal image resolution 	1 280 pixel
 Vertical image resolution 	800 pixel
 Pixel size, horizontal 	0.259 mm
Pixel size, vertical	0.259 mm
General features	
 Brightness/contrast 	400 cd/m² / 1 000:1
 non-reflective and tempered mineral glass screen 	Yes
 Detachable from computer unit 	30 m
Luminance	400 cd/m ²
Backlighting	
 Type of backlighting 	LED
 MTBF backlighting (at 25 °C) 	50 000 h; At 25°C
Backlight dimmable	Yes; 0-100 %
Control elements	
Control elements	none
Input device	
Integrated mouse cursor control	No
Touch operation	
 Design as touch screen 	No
Installation type/mounting	
Design	Built-in unit
Front mounting	Yes
Built-in unit	Yes; Portrait mode possible
maximum permitted forward tilt angle from vertical	35°
maximum permitted backward tilt angle from vertical	35°

Supply voltage	
Type of supply voltage	AC/DC
Rated value (DC)	24 V
permissible range, lower limit (DC)	19.2 V
permissible range, upper limit (DC)	28.8 V
Rated value (AC)	100 V; Up to 240V, 50/60 Hz
permissible range, lower limit (AC)	90 V
permissible range, lower limit (AC)	264 V
Power loss	204 V
Power loss, typ.	40 W
Power loss, max.	65 W
Interfaces	00 **
USB on the rear	Yes; 2x onboard
Connection for keyboard/mouse	USB
Video interfaces	
DVI-D	Yes
DisplayPort	Yes; DisplayPort V1.1
Touch interfaces	165, Displayi oit VI.I
• USB	No
Degree and class of protection	110
IP (at the front)	IP65
	IP20
IP (rear) NEMA (front)	II 20
	Yes
Enclosure Type 4 at the front Standards, approvals, contification.	res
Standards, approvals, certificates	Ver
CE mark	Yes
CULus	Yes; Corresponds to UL 508 Yes
RCM (formerly C-TICK)	
KC approval Use in hazardous areas	Yes
FM Class I Division 2	No
Ambient conditions	140
Ambient temperature during operation	
	0°C
• min.	50 °C; Vertical installation (horizontal)
max. Ambient temperature during storage/transportation	50 C, Vertical installation (nonzontal)
min.	-20 °C
• max.	60 °C
Relative humidity	
Operation, max.	95 %; no condensation
Vibrations	oo /o, no condendation
Vibration load in operation	10 m/s²
Vibration load during transport/storage	10 m/s²
Shock testing	
Shock load during operation	150 m/s²
	150 m/s ²
shock acceleration during storage/transport	150 m/s²
shock acceleration during storage/transport Mechanics/material	150 m/s²
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shock acceleration during storage/transport Mechanics/material Enclosure material (front)	
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