

Spare part SIMATIC IFP1900 pro Flat Panel 19" display (16: 9), Multitouch, prepared for supporting foot/ expansion elements, Extended version up to 30 m, 1366x 768 pixels, for 24 V DC, display port/DVI interface IP65, fully enclosed



Figure similar

General information	
Product type designation	IFP1900 PRO
Short designation	Flat Panel 19" PRO multi-touch ext.
Display	
Design of display	TFT widescreen display, LED backlighting
Screen diagonal	19 in
Screen diagonal [cm]	47 cm
Display width	409.8 mm
Display height	230.4 mm
On Screen Display (OSD) configuration	No; Adjustable by means of software
Number of colors	16 777 216; 24 bit
Viewing angle	170° x 160°
Resolution (pixels)	
• Horizontal image resolution	1 366 Pixel
• Vertical image resolution	768 Pixel
• Pixel size, horizontal	0.3 mm
• Pixel size, vertical	0.3 mm

General features	
• Brightness/contrast	300 cd/m ² / 1 000:1
• non-reflective and tempered mineral glass screen	Yes
• Luminance	300 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	
Input device	
• Integrated mouse cursor control	Yes; Also externally via USB
Touch operation	
• Design as multi-touch screen	Yes; Projective-capacitive
• Monitor keyboard	Yes
Installation type/mounting	
Design	Pedestal mounting
Support arm mounting	No
Stand mounting	Yes
Supply voltage	
Type of supply voltage	24 V DC
Rated value (DC)	24 V; PELV
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	
Number of USB interfaces	2; USB 2.0 type A
Connection for keyboard/mouse	USB
Video interfaces	
• DVI-D	Yes
• DisplayPort	Yes; DisplayPort V1.1
Touch interfaces	
• USB	Yes
Degree and class of protection	
IP (all-round)	IP65
NEMA (front)	
• Enclosure Type 4 at the front	Yes
• Enclosure Type 4x at the front	Yes

- NEMA4 at the front
- NEMA4X at the front

Yes

Yes

Standards, approvals, certificates

CE mark	Yes
cULus	Yes; Corresponds to UL 508
RCM (formerly C-TICK)	Yes
KC approval	Yes
EAC (formerly Gost-R)	Yes

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.	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 load during transport/storage	15 gn

Mechanics/material

Enclosure material (front)	
• Aluminum	Yes
• Glass	Yes; at front

Dimensions

Width	475 mm
Height	296 mm; Without basic adapter
Depth	90 mm; Without basic adapter

Weights

Weight without packaging	7.3 kg
Weight incl. packaging	10 kg

last modified: 03/14/2020