

## Features

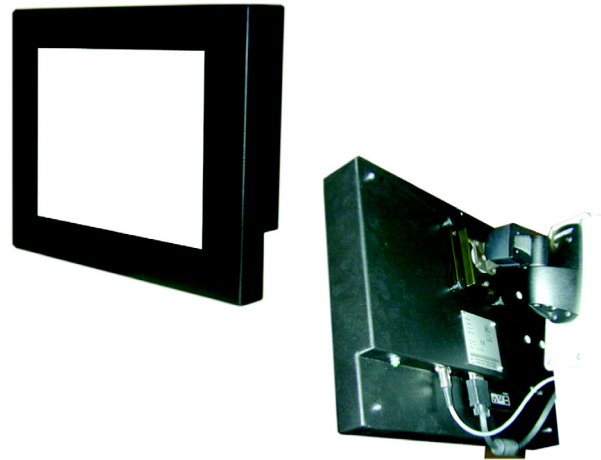
- Direct PC interface
- 18 in flat panel monitor
- For general purpose applications
- Touchscreen options
- Antiglare option

## Application

This product is a high-performance industrial flat panel monitor. It is designed as an operator interface device for continuous use in heavy-duty conditions.

It incorporates an industrial grade, high performance active matrix LCD panel, an optional touchscreen, and will connect directly to any DVI, VGA, or NTSC video signal.

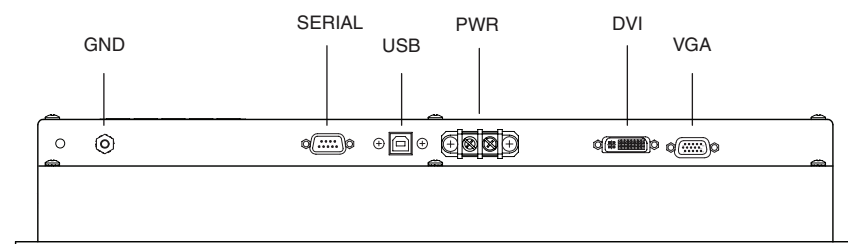
It is available in many configurations.



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## Connection

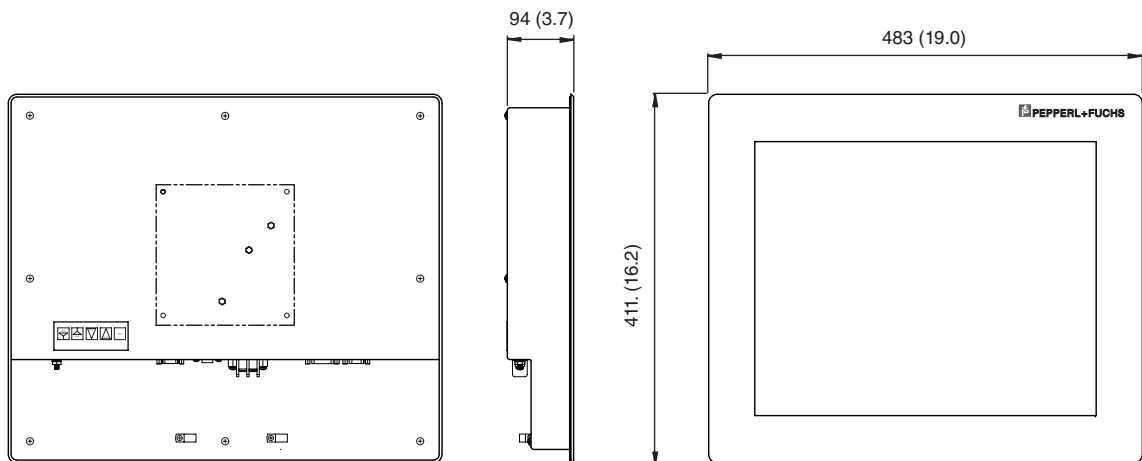


<b>Supply</b>	
Connection	Two-position screw terminal
Input voltage	+ 12 V DC @ 3.8 A continuous
<b>Indicators/operating means</b>	
<b>Display</b>	
Type	5-wire resistive 5-wire hardened resistive
Screen diagonal	18.1 "
Response time	15 ms
Resolution	1600 x 1200, 1280 x 1024 (native mode) , 1024 x 768 , 800 x 600 , 640 x 480 Maximum resolution: 1600 x 1200
Color depth	24 bit (16.7 M) color supported in any video mode
Contrast	300:1
Brightness	Standard : 240 nit
Reading angle	170° horizontal , 170° vertical
Life span	Back lamp life: 50,000 hrs typical half life (replaceable)
MTBF	550000 h (see manual)
Input devices	15-pin VGA, DVI-I Optional interface to NTSC (camera, live video) via standard BNC connector
Touchscreen	5-wire resistive 5-wire hardened resistive
<b>Interface</b>	
Interface type	RS-232 serial or USB port to host computer via standard cable
<b>Directive conformity</b>	
Electromagnetic compatibility	
Directive 89/336/EEC	EN55022A, EN61000-6-2, EN61000-3-2, EN61000-3-3
Low voltage	
Directive 73/23/EEC	EN60950
<b>Ambient conditions</b>	
Operating temperature	0 ... 50 °C (32 ... 122 °F) ambient, no active cooling devices required
Storage temperature	-10 ... 60 °C (14 ... 140 °F)
Relative humidity	5 ... 90 %, non-condensing
Vibration resistance	5 ... 100 Hz , 1 g, 12 m/s <sup>2</sup> , all axes
Impact resistance	30 g, 11 ms, all axes
<b>Mechanical specifications</b>	
Protection degree	NEMA Type 12
Material	steel with matte black polyurethane finish
Installation	100 mm ( 3.9 in ) VESA mount
Mass	11 kg
Dimensions	411 mm x 483 mm x 94 mm (16.2 in x 19.0 in x 3.7 in)
<b>International approvals</b>	
UL approval	E185778

### Supplementary information

Statement of Conformity, Declaration of Conformity and instructions have to be observed. For information see [www.pepperl-fuchs.com](http://www.pepperl-fuchs.com).

**Dimensions**



**Accessories**

- PS100-LC  
Power supply
- SCBL\*  
Serial touchscreen cable
- UCBL\*  
USB touchscreen cable
- VCBL\*  
Video cable
- TSP18-5  
Screen protector

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Type code

