

## Features

- Direct PC interface
- 19 inch flat panel monitor
- Panel or rack mount in general-purpose areas
- Touchscreen options
- Antiglare and stainless options

## Application

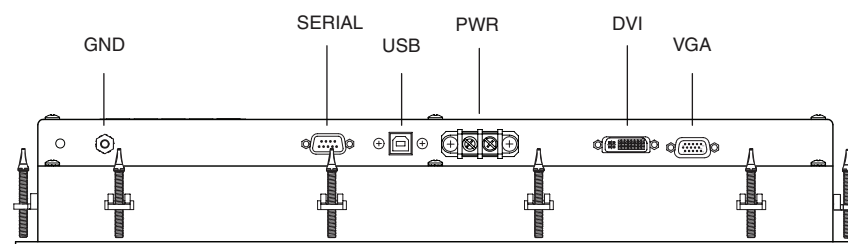
This product is a high-performance industrial flat panel monitor. It is designed as an operator interface device for continuous use in heavy-duty conditions.

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.



## Connection



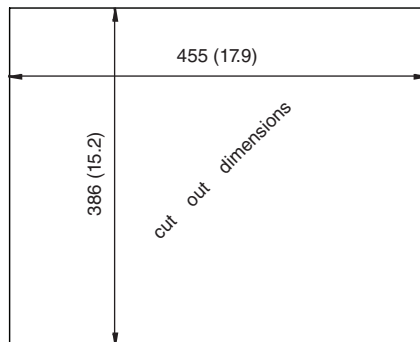
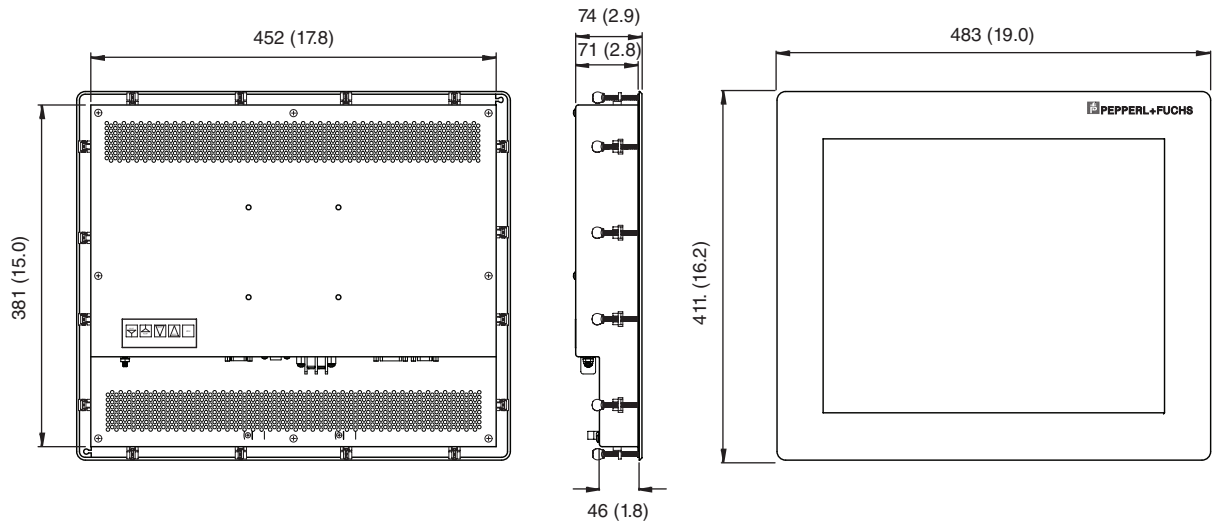
<b>Supply</b>	
Connection	Two-position screw terminal
Input voltage	+ 12 V DC @ 3.2 A continuous
<b>Indicators/operating means</b>	
<b>Display</b>	
Type	5-wire resistive 5-wire hardened resistive
Screen diagonal	19 inch (483 mm)
Response time	Standard: 12 ms High-bright: 5 ms
Resolution	1280 x 1024 (native mode) , 1024 x 768 , 800 x 600 , 640 x 480
Color depth	24 bit (16.7 M) color supported in any video mode
Contrast	1000:1
Brightness	Standard: 450 cd/m <sup>2</sup> (nits) High-bright: 1000 cd/m <sup>2</sup> (nits)
Reading angle	160° horizontal , 160° 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	0 ... 90 %, non-condensing
Vibration resistance	5 ... 100 Hz , 1 g, 12 m/s <sup>2</sup> , all axes
Impact resistance	30 g, 6 ms, all axes
<b>Mechanical specifications</b>	
Degree of protection	NEMA Type 4/12 (front face and seals). Type 4x with stainless option IP66
Installation	panel or rack mount
Mass	10 kg
Dimensions	Outer bezel: 411 mm x 483 mm (16.2 x 19.0 inch) Rack mount bezel: 399 mm x 483 mm (15.72 x 19.0 inch) Front bezel thickness: 2.5 mm (0.10 inch)
Overall depth	71 mm (2.8 inch) with recessed cable ways
Cut out dimensions	386 mm x 455 mm (15.2 inch x 17.9 inch)
Mounting	VESA 100 mm mounting pattern (peripheral mounting only)
<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).

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Dimensions



Accessories

- PS100-LC  
Power supply
- SCBL\*
- Serial touchscreen cable
- UCBL\*
- USB touchscreen cable
- VCBL\*
- Video cable
- TSP19-5
- Screen protector

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Refer to "General Notes Relating to Pepperl+Fuchs Product Information".

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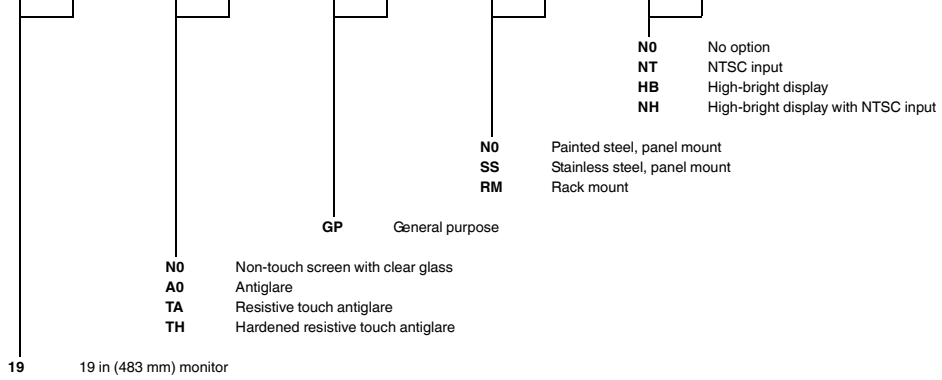
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Type code

**D M 5 1 9 - A 0 - G P - S S - N T**



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