

## Features

- Direct PC interface
- 22 inch flat panel monitor
- Panel mount in Class I, Div 2 areas
- Touchscreen options
- 16:10 widescreen format

## Application

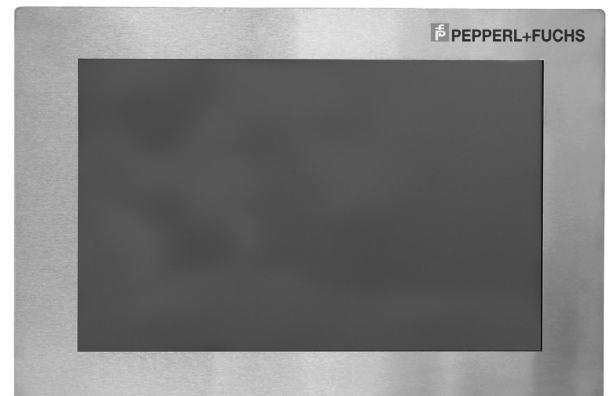
Plant floor operator interfaces reduce process inefficiencies and help plant floor operators make informed decisions. The widescreen 16:10 workstation, or larger, is now the norm in process automation control rooms.

The widescreen monitor optimizes software programming efforts by eliminating the labor intensive task of resizing HMI graphics to fit much smaller operator interface screens

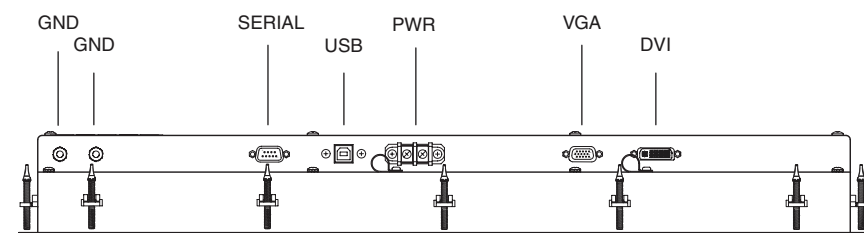
The 22 inch wide screen is a high-performance industrial flat panel monitor. It is designed as an operator interface device for continuous use in heavy-duty conditions.

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



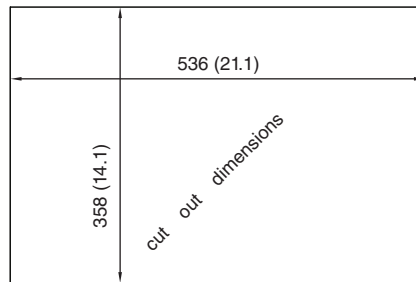
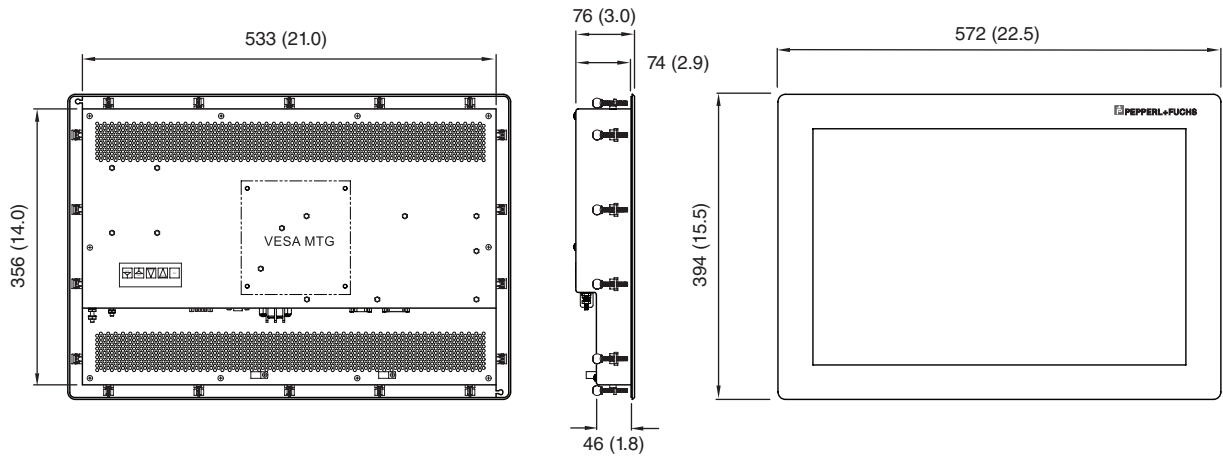
<b>Supply</b>	
Connection	Two-position screw terminal
Input voltage	+ 12 V DC @ 4.5 A continuous
<b>Indicators/operating means</b>	
<b>Display</b>	
Type	5-wire resistive
Screen diagonal	22 inch (559 mm)
Response time	15 ms
Resolution	1680 x 1050 (native mode) , 1360 x 765 , 1280 x 720
Color depth	24 bit (16.7 M) color supported in any video mode
Contrast	1000:1
Brightness	Standard: 300 nit
Reading angle	178° horizontal , 178° 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
<b>Interface</b>	
Interface type	RS-232 serial or USB port to host computer via standard cable
<b>Directive conformity</b>	
<b>Electromagnetic compatibility</b>	
Directive 89/336/EEC	EN55022A, EN61000-6-2, EN61000-3-2, EN61000-3-3
<b>Low voltage</b>	
Directive 73/23/EEC	EN60950
<b>Ambient conditions</b>	
Operating temperature	-20 ... 50 °C (-4 ... 122 °F) ambient, no active cooling devices required
Storage temperature	-20 ... 60 °C (-4 ... 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
Installation	panel mount
Mass	15 kg
Dimensions	Outer bezel: 394 mm x 572 mm (15.5 x 22.5 inch) Front bezel thickness: 2.5 mm (0.1 inch)
Overall depth	76 mm (3.0 inch) with recessed cable ways
Cut out dimensions	358 mm x 536 mm (14.1 inch x 21.1 inch)
Mounting	VESA 100 mm mounting pattern (peripheral mounting only)
<b>International approvals</b>	
UL approval	E190294

**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

- PS75-HZ  
Power supply
- PSCBL\*  
Power cable
- SCBL\*  
Serial touchscreen cable
- UCBL\*  
USB touchscreen cable
- VCBL\*  
Video cable
- TSP22-5  
Screen protector

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

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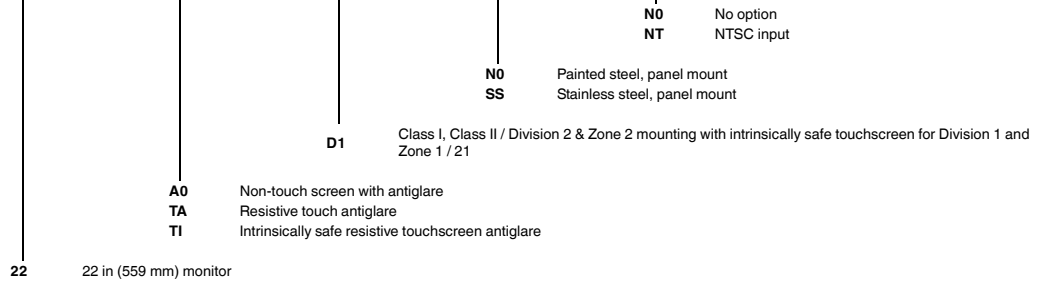
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Type code

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