

## Features

- Direct PC interface
- 19 inch flat panel monitor
- Panel or rack mount in Class I, DIV 2 areas
- Touchscreen options
- Antiglare and stainless options

## Application

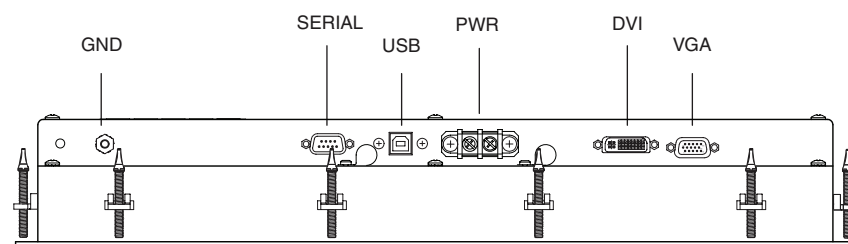
This product is a high-performance industrial flat panel monitor. It is designed as an operator interface device for continuous use in heavy-duty conditions.

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



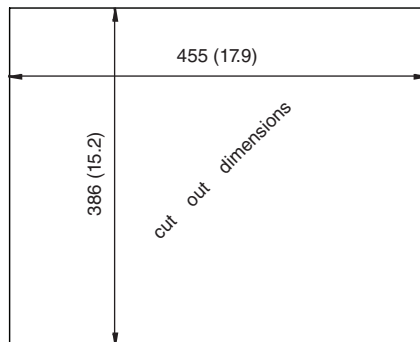
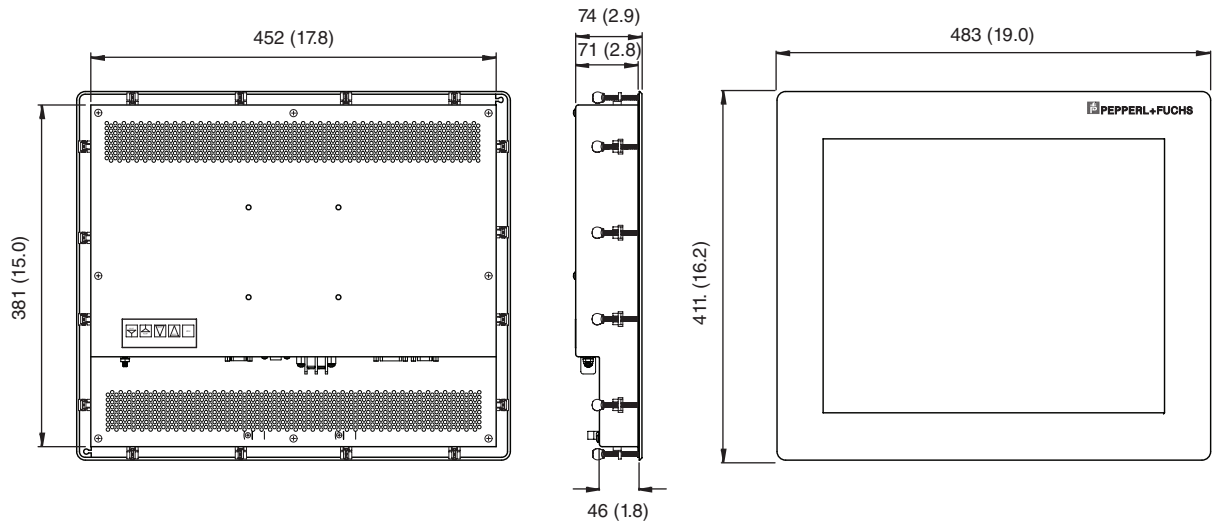
|                                      |                                                                                                 |
|--------------------------------------|-------------------------------------------------------------------------------------------------|
| <b>Supply</b>                        |                                                                                                 |
| Connection                           | Two-position screw terminal                                                                     |
| Input voltage                        | + 12 V DC @ 3.2 A continuous                                                                    |
| <b>Indicators/operating means</b>    |                                                                                                 |
| <b>Display</b>                       |                                                                                                 |
| Screen diagonal                      | 19 inch (483 mm)                                                                                |
| Response time                        | Standard: 12 ms<br>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)<br>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)                                                                           |
| <b>Input devices</b>                 |                                                                                                 |
|                                      | 15-pin VGA, DVI-I<br>Optional interface to NTSC (camera, live video) via standard BNC connector |
| Touchscreen                          | 5-wire resistive<br>5-wire hardened resistive<br>5-wire intrinsically safe 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).<br>Type 4x with stainless option                         |
| Installation                         | panel or rack mount                                                                             |
| Mass                                 | 10 kg                                                                                           |
| Dimensions                           | Outer bezel: 411 mm x 483 mm (16.2 x 19.0 inch)<br>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                          | 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
- 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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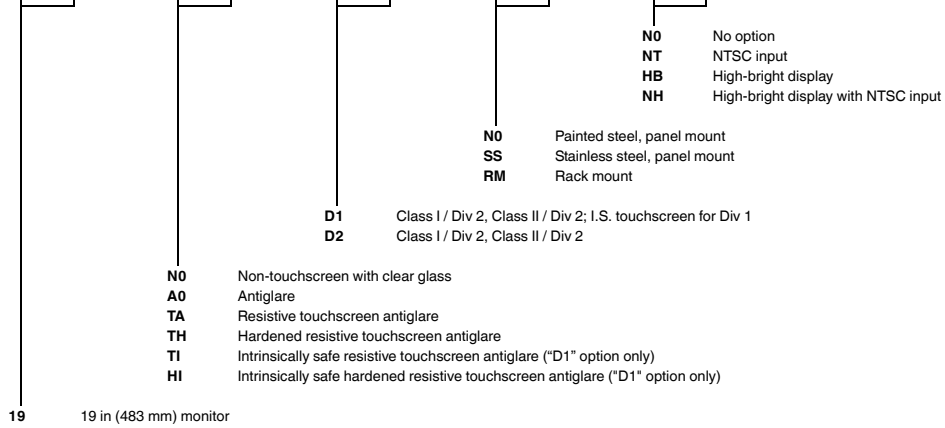
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Type code

**D M 5 1 9 - A 0 - D 2 - S S - N T**



19 19 in (483 mm) monitor

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