

Panel mount operator workstation

VisuNet PC8222



- 22 inch TFT display w/ optional touch screen
- Class I/Div 2, Class II/Div 2, ATEX/IECEX Zone 2, and ATEX Zone 22 approved
- Widescreen 16:10 aspect ratio
- Compression fit touchscreen ensures reliable continuous use
- Designed to withstand shock and vibration
- Extended temperature range for indoor/outdoor use
- Intel® Atom™ E3826 1.46 GHz
- 120 GB SSD
- Up to 8 GB RAM

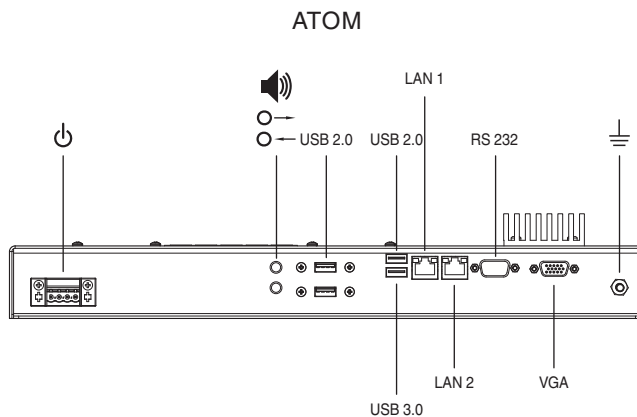
Operator workstation designed for continuous use in harsh environments



Function

The PC8222 panel mount operator workstation is designed for continuous use in harsh environments commonly found in industrial manufacturing, oil & gas, and chemical applications. The PC8222 series features a 1.46 Ghz Intel Atom™ with available 120 GB SSD storage. This 22" PC operator workstation features an optional touchscreen. The front bezel is rated Type 4/4X.

Connection



Release date: 2023-05-23 Date of issue: 2023-05-23 Filename: t159363_eng.pdf

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

Pepperl+Fuchs Group
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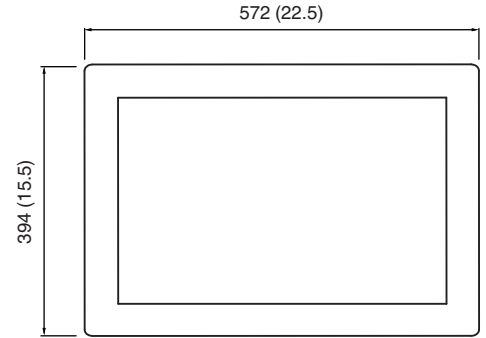
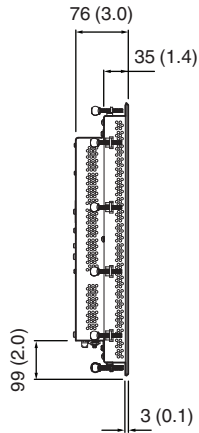
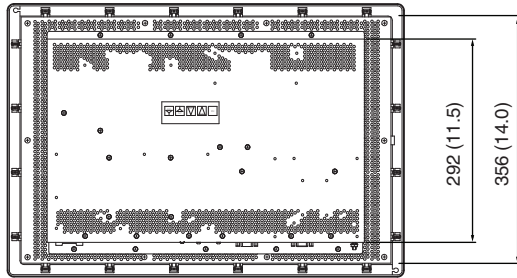
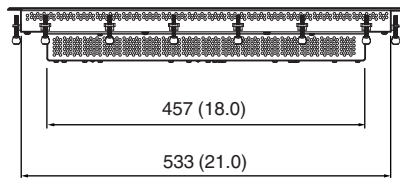
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 PEPPERL+FUCHS

Dimensions

Atom™



Technical Data

Hardware	
Processor	Intel® Atom™ E3826 1.46 GHz
RAM	up to 8 GB
Mass storage	120 GB SSD
Supply	
Connection	Terminals
Power consumption	60 W max. 20-30 VDC (Intel® Atom™) 72 W max. 20-30 VDC (Intel® Core™ i7)

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Technical Data

Indicators/operating means		
Display		
Screen diagonal		22 inch (55.9 cm)
Response time		4 ms
Resolution		1680 x 1050
Color depth		24 bit (16.7 M) color
Contrast		1000:1
Brightness		250 cd/m ² (nit)
Reading angle		160° in all directions
Life span		back lamp life: 50,000 hrs typical half life
Input devices		
Touchscreen		5-wire resistive
Interface		
Interface type		2x GB ethernet, 4x USB, audio, RS232
Directive conformity		
Electromagnetic compatibility		
Directive 2014/30/EU		EN 61326-1:2013
Software		
Operating system		Windows® 10 IoT Enterprise 2016 LTSC (x 64)
Ambient conditions		
Operating temperature		-20 ... 50 °C (-4 ... 122 °F)
Storage temperature		-20 ... 60 °C (-4 ... 140 °F)
Relative humidity		0 ... 90% (noncondensing)
Shock resistance		30g, 11 ms, all axis
Vibration resistance		5 ... 100 Hz 1G, 12 m/s ²
Mechanical specifications		
Degree of protection		Type 4X (stainless steel) Type 4 (painted steel) IP66
Material		Bezel: black painted steel or 316L satinless steel
Installation		panel mount panel cutout: 536 x 358 mm (21.1 x 14.1 inch)
Mass		15.9 kg (35 lb)
Dimensions		572 x 394 x 76 mm (22.5 x 15.5 x 3.0 inch)
Data for application in connection with hazardous areas		
Certificate		DEMKO 12 ATEX 1107369X Ⓜ II 3G Ex nA nC IIC T4 Gc Ⓜ II 3G Ex nA IIC T4 Gc
Certificate		PF15CERTB098X Ⓜ II 3D Ex tc IIIC T85°C Dc ("B1" version only)
Directive conformity		
Directive 2014/34/EU		EN 60079-0:2012/A11:2013 EN 60079-15:2010 EN 60079-31:2014 ("B1" version)
IECEx approval		IECEx UL 12.0028X
International approvals		
UL approval		UL Listing (E190294) for Class I Div 2, Groups A, B, C, D Class II Div 2, Groups F, G UL Listing (E185778) for Ordinary Locations

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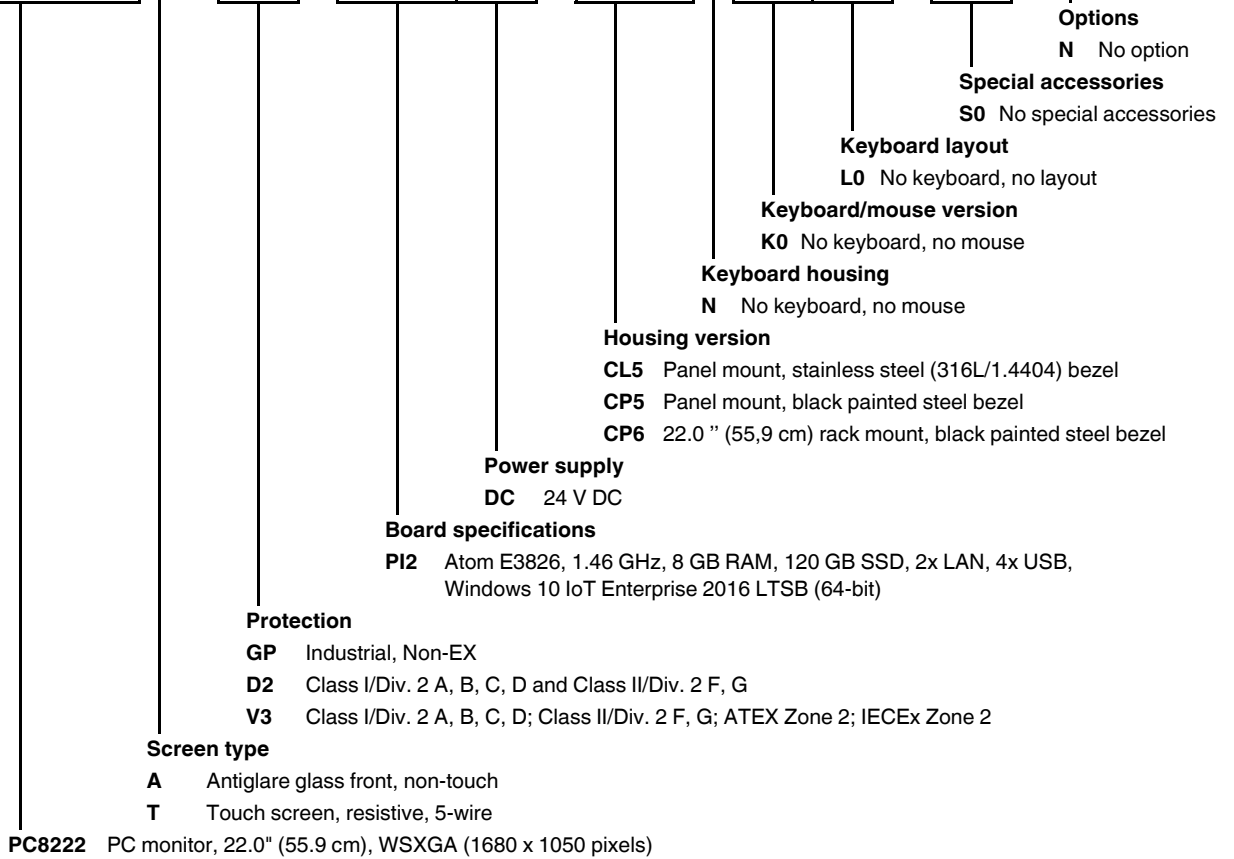
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Type Code

P C 8 2 2 2 A - G P - P D 1 D C - C L 5 N K 0 L 0 - S 0 - N



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