

Panel mount direct monitor

VisuNet DM8222



- 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

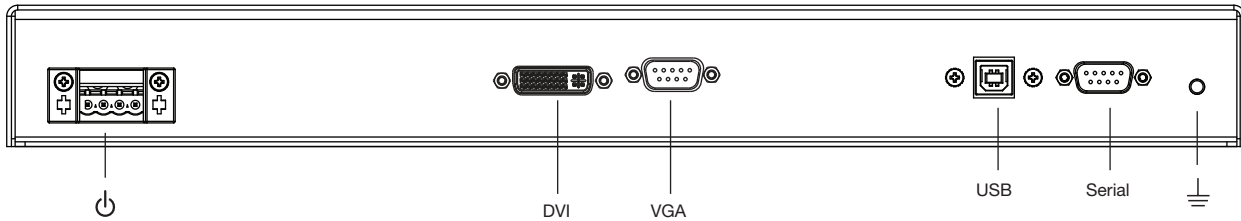
Industrial monitor designed for continuous use in harsh environments



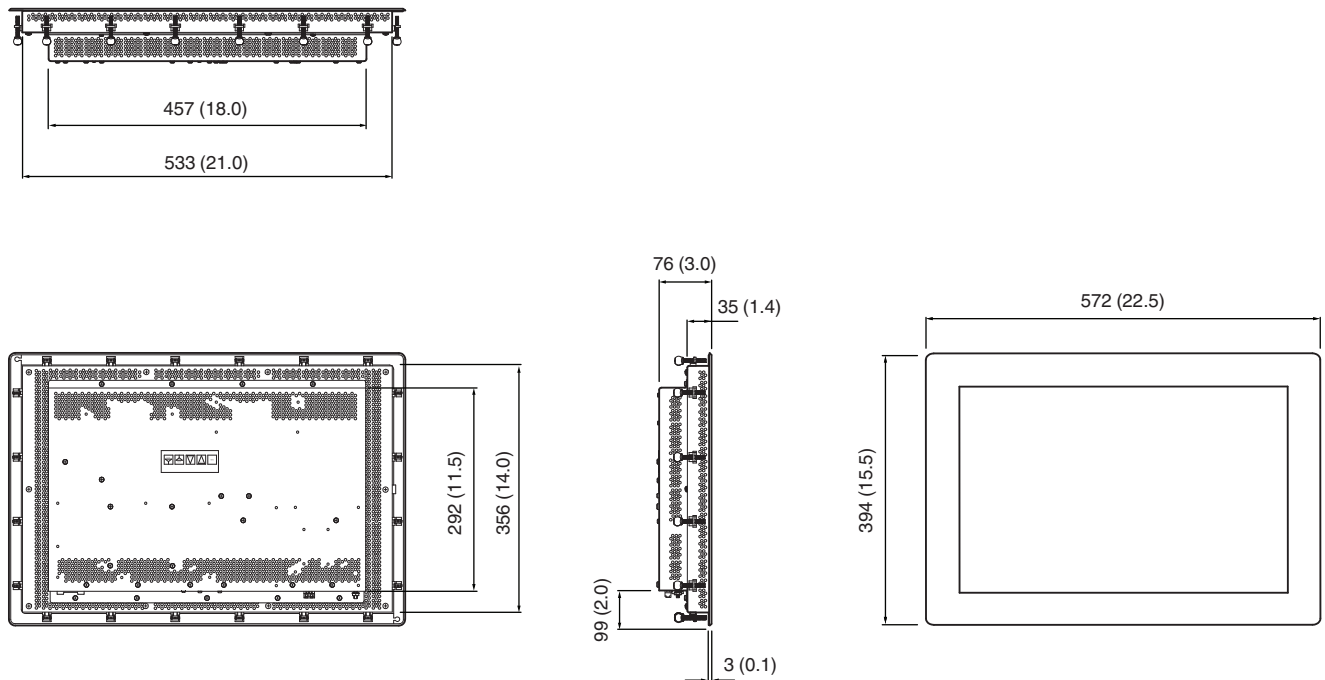
Function

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 optical touchscreen, and will connect directly to any standard DVI or VGA signal. It is available in many configurations. The front bezel is rated Type 4/4X.

Connection



Dimensions



Technical Data

Supply	
Power consumption	Main unit: 60 W max, 20 ... 30 VDC
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
Directive conformity	
Electromagnetic compatibility	
Directive 2014/30/EU	EN 61326-1:2013
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

Release date: 2023-05-23 Date of issue: 2023-05-23 Filename: t183897_eng.pdf

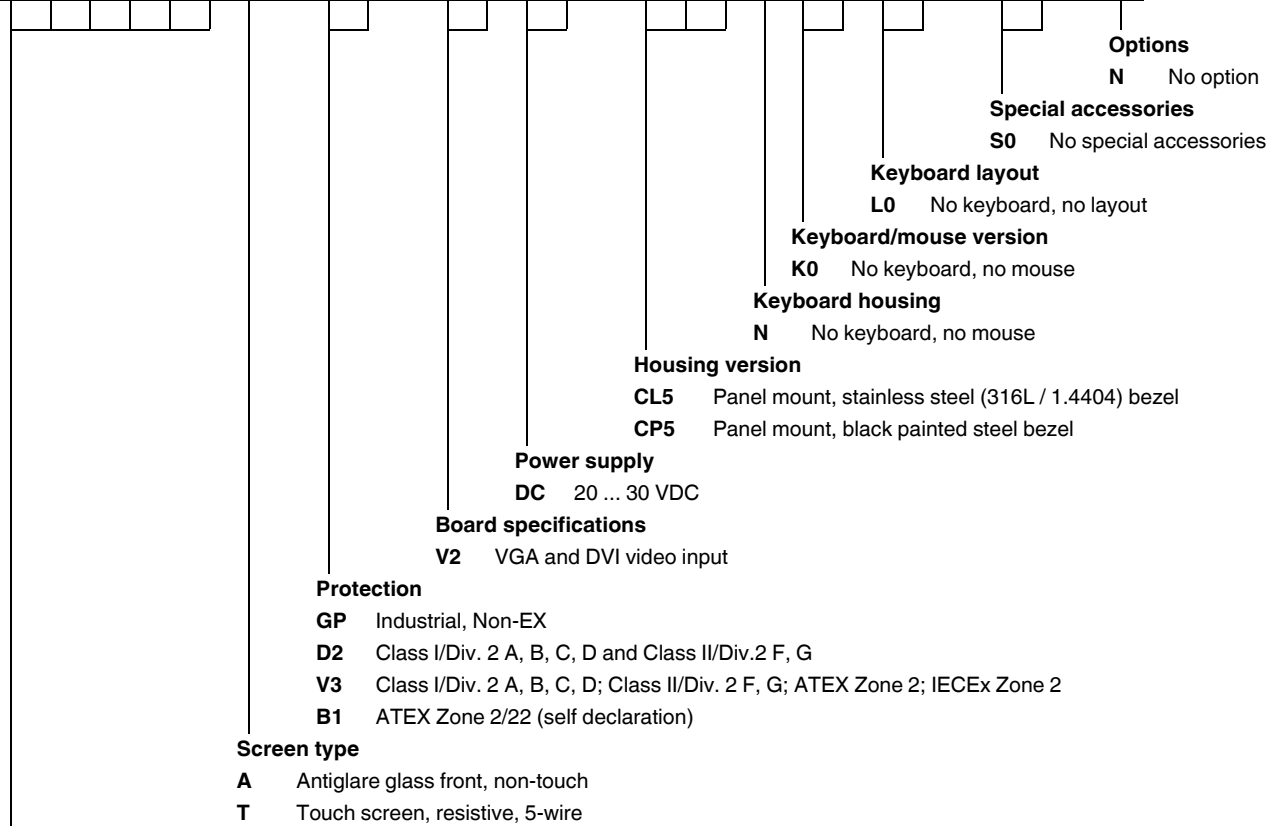
Refer to "General Notes Relating to Pepperl+Fuchs Product Information".

Technical Data

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

Type code

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



DM8222 Direct monitor, 22.0" (55.9cm), WSXGA (1680 x 1050 pixels)

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