

Panel mount direct monitor

VisuNet DM8215



- 15 inch TFT display w/ optional touch screen
- Class I/Div 2, Class II/Div 2, ATEX/IECEX Zone 2, and ATEX Zone 22 approved
- Compression fit touchscreen ensures reliable continuous use
- Shock and vibration resistant
- Extended temperature range for indoor/outdoor use
- High bright display available

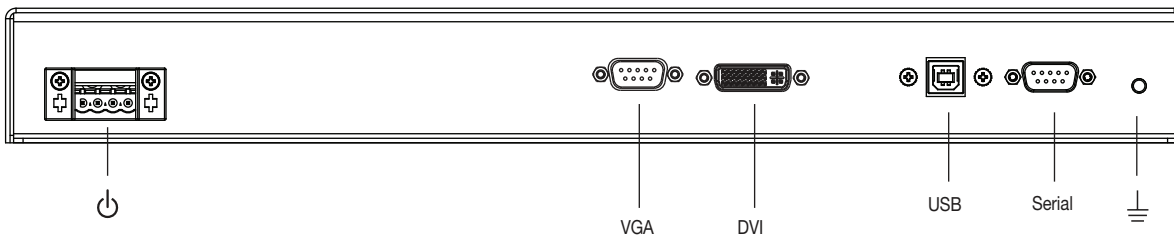
Industrial monitor designed for continuous use in harsh environments



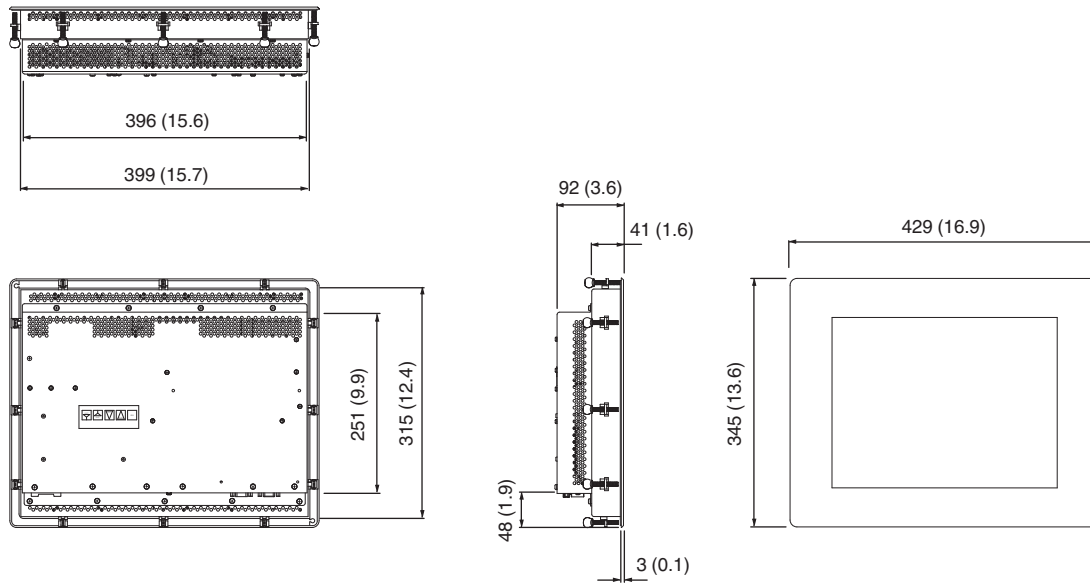
Function

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, highperformance active matrix LCD panel, an optional 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: 20-30 VDC, 2.5 A max
Indicators/operating means	
Display	
Screen diagonal	15 inch (38.1 cm)
Response time	Standard: 30 ms High-bright: 25 ms
Resolution	1024 x 768
Color depth	24 bit (16.7 M) color
Contrast	Standard: 800:1 High-bright: 700:1
Brightness	Standard: 350 cd/m ² (nits) High-bright: 1200 cd/m ² (nits)
Reading angle	160° in all directions
Life span	back lamp life: 50,000 hrs typical half life
Input devices	
Touchscreen	5-wire resistive 5-wire hardened 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
Vibration resistance	5 ... 100 Hz 1G, 12 m/s ²
Mechanical specifications	
Degree of protection	Type 4X (stainless steel) Type 4 (painted steel) IP66

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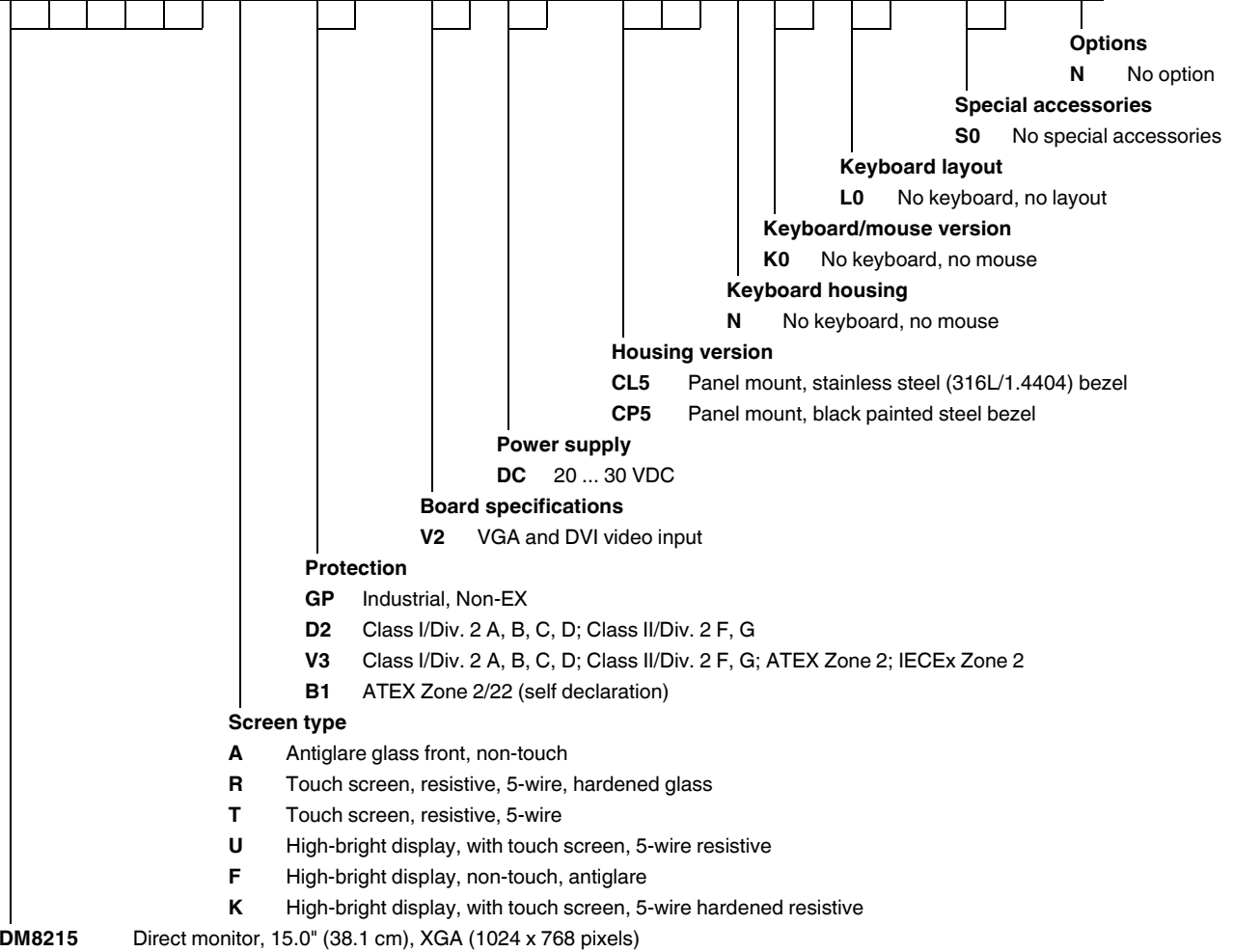
Refer to "General Notes Relating to Pepperl+Fuchs Product Information".

Technical Data

Material	Bezel: black painted steel or 316L satinless steel
Installation	panel mount panel cutout: 404 x 320 mm (15.9 x 12.6 inch)
Mass	8.6 kg (19 lb)
Dimensions	429 x 345 x 92 mm (16.9 x 13.6 x 3.6 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 1 5 A - G P - V 2 D C - C L 5 N K 0 L 0 - S 0 - N



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