

# Panel mount KVM monitor

## VisuNet KM8215



- 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
- Transflective display available
- Connects to host PC via internal KVM extender

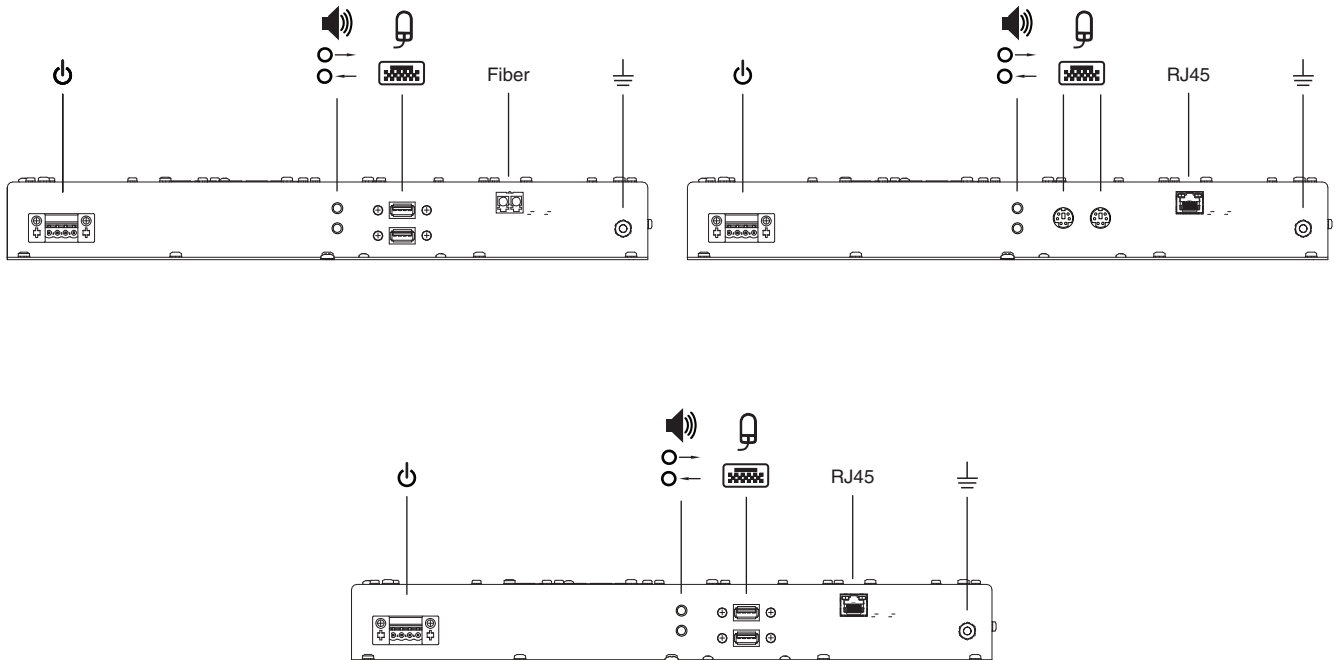
Industrial monitor designed for continuous use in harsh environments



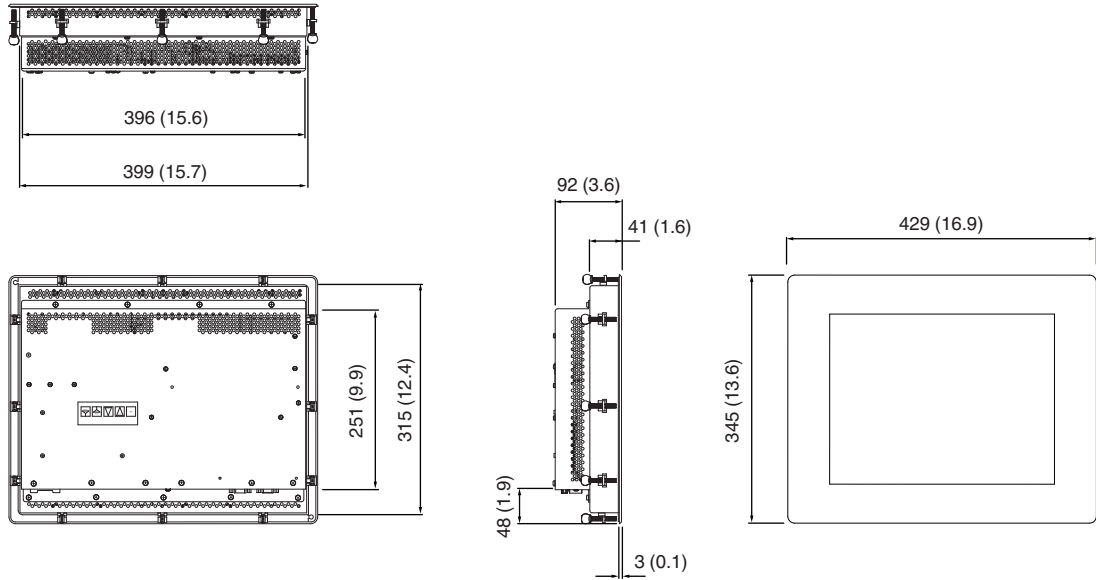
### Function

The KM8215 panel mount industrial HMI monitor is designed for continuous use in harsh environments such as manufacturing, oil & gas, and chemical applications. This 15" monitor features an optional touchscreen and choice of three KVM types. The KVM monitor allows the display to connect to the host PC up to 400 m (1300 ft). The front bezel is rated Type 4/4X, IP66.

### Connection



**Dimensions**



**Technical Data**

<b>General specifications</b>	
Distance	Transmitter "K4": 120 m (400 ft) Transmitter "K5": 200 m (650 ft), 62.5 μ multimode; 400 m (1300 ft), 50.0 μ multimode
<b>Supply</b>	
Connection	Monitor: power, CAT5, fiber (LC)
Power consumption	Main unit: 20-30 VDC, 2.5 A max Transmitter "K4": 5 VDC @ 10 W, max Transmitter "K5": 5 VDC @ 10 W, max
<b>Indicators/operating means</b>	
Indicators	Transmitter "K4": video check LED; front panel - power Transmitter "K5": video check LED; front panel - power
<b>Display</b>	
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 <sup>2</sup> (nits) High-bright: 1200 cd/m <sup>2</sup> (nits)
Reading angle	160° in all directions
Life span	back lamp life: 50,000 hrs typical half life

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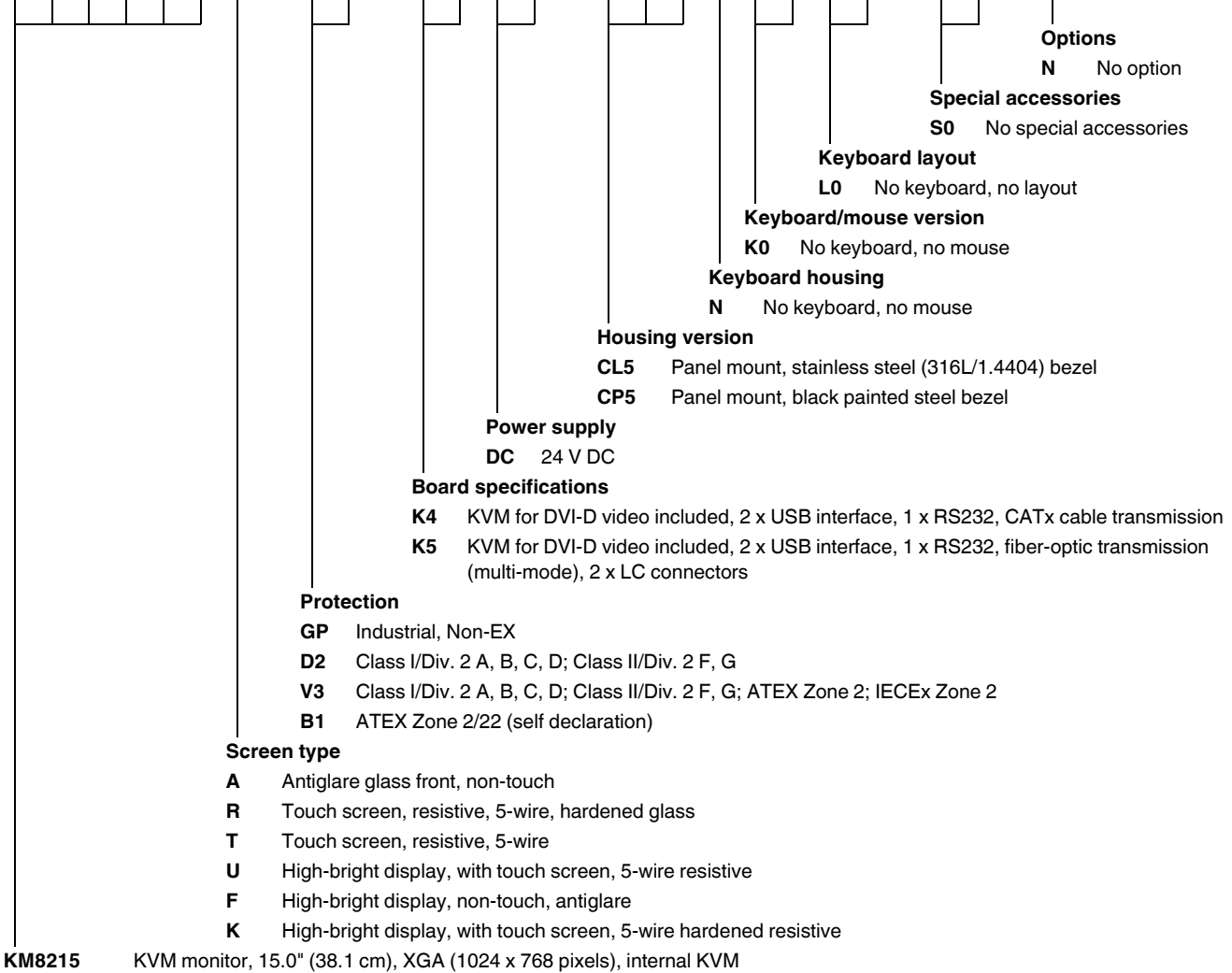
Refer to "General Notes Relating to Pepperl+Fuchs Product Information".

## Technical Data

Input devices	Transmitter "K4": 29-pin DVI-D; 2 x USB Type B (keyboard, mouse/touchscreen); 1 x RS232 (touchscreen); 1 x RJ45 (CAT5e/6) Transmitter "K5": 29-pin DVI-D; 1 x USB Type B (keyboard, mouse/touchscreen); 1 x RS232 (touchscreen); fiber optic (multimode) LC connectors
Touchscreen	5-wire resistive 5-wire hardened resistive
<b>Serial data</b>	
Baud rate	19.2 KBd max
Flow control	RTS, CTS, DTR, DSR
<b>Directive conformity</b>	
Electromagnetic compatibility	
Directive 2014/30/EU	EN 61326-1:2013
Low voltage	
Directive 73/23/EEC	EN60950 (KVM transmitters)
<b>Ambient conditions</b>	
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 <sup>2</sup>
<b>Mechanical specifications</b>	
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: 404 x 320 mm (15.9 x 12.6 inch)
Mass	Main unit: 8.6 kg (19 lb) Transmitter "K4": 0.3 kg (0.7 lbs) Transmitter "K5": 0.3 kg (0.7 lbs)
Dimensions	Main unit: 429 x 345 x 92 mm (16.9 x 13.6 x 3,6 inch) Transmitter "K4": 104 x 135 x 36 mm (4.1 x 5.3 x 1.4 inch) Transmitter "K5": 104 x 135 x 36 mm (4.1 x 5.3 x 1.4 inch)
<b>Data for application in connection with hazardous areas</b>	
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)
<b>Directive conformity</b>	
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
<b>International approvals</b>	
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**

**K M 8 2 1 5 A - G P - K 3 D C - C L 5 N K 0 L 0 - S 0 - N**



**KM8215** KVM monitor, 15.0" (38.1 cm), XGA (1024 x 768 pixels), internal KVM

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