

**Features**

- 22 inch TFT display w/ optional touch screen
- Widescreen 16:10 aspect ratio
- Seams continuously welded and ground smooth (Type 4/4X, IP66)
- Various keyboard/mouse options
- Connects to host PC via internal KVM extender
- Class I, Div. 2 / ATEX Zone 2 approved

**Application**

VisuNet IND KM922 rugged industrialized housing was made to extended the control room into the toughest process conditions. The KVM extender option allows the display and the host PC to be up to 400 m (1300 ft) apart and is certified for installation in Class I/Div 2 locations.

Designed for manufacturing environments where dust, bacteria, water, and other undesirable materials might accumulate, the enclosure construction and surfaces provide wash down solutions proper drainage to prevent standing water and easily mounts utilizing the industry standard 100 mm VESA.

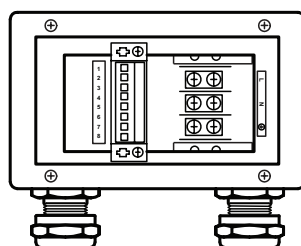
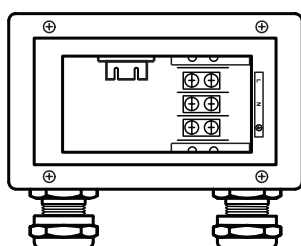
This 22" monitor features an optional touch screen, keyboard with various mouse options, and choice of one of three KVM types.



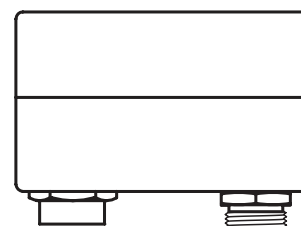
**Connection**

SP7 / SS7

CAT5 Terminals	Description
1.1	BI_DA + WH/GN
1.2	BI_DA - GN
1.3	BI_DB + WH/OR
1.4	BI_DC + BU
1.5	BI_DC - WH/BU
1.6	BI_DB - OR
1.7	BI_DD + WH/BN
1.8	BI_DD - BN



SP5 / SS5



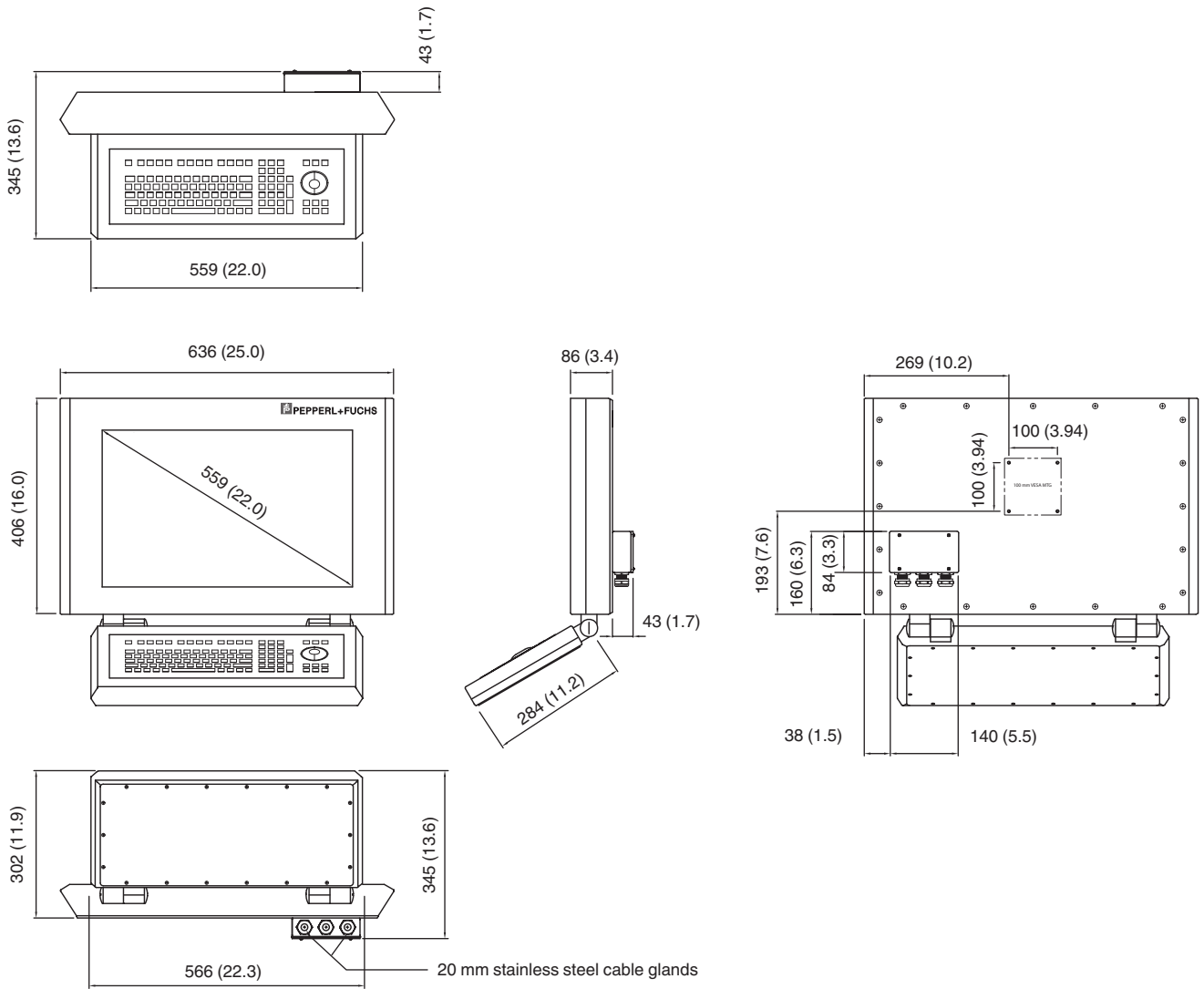
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Refer to "General Notes Relating to Pepperl+Fuchs Product Information".

<b>General specifications</b>	
Distance	Transmitter "K3": 300 m (1000 ft) 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: 60 W max, 100 ... 240 VAC, 50 ... 60 Hz; 20-30 VDC Transmitter "K3": PS2 power Transmitter "K4": 5 VDC @ 10 W, max Transmitter "K5": 5 VDC @ 10 W, max
<b>Indicators/operating means</b>	
Indicators	Transmitter "K3": video check LED Transmitter "K4": video check LED; front panel - power Transmitter "K5": video check LED; front panel - power
Display	
Screen diagonal	22 inch (559 mm)
Response time	4 ms
Resolution	1680 x 1050
Color depth	24 bit (16.7 M) color
Contrast	1000:1
Brightness	250 cd/m <sup>2</sup> (nits)
Reading angle	160° in all directions
Life span	back lamp life: 50,000 hrs typical half life
Input devices	Transmitter "K3": VGA - HD15M/F; 2 x PS2 (keyboard & mouse); 1 x RS232 (touchscreen); 1 x RJ45 (CAT5e/6) 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
Keyboard	touchpad , optical trackball (50 mm) , joystick
<b>Serial data</b>	
Baud rate	19.2 KBd max
Flow control	RTS, CTS, DTR, DSR
<b>Directive conformity</b>	
Electromagnetic compatibility	
Directive 89/336/EEC	EN55022A, EN61000-6-2, EN61000-3-2, EN61000-3-3
<b>Ambient conditions</b>	
Operating temperature	-20 ... 45 °C (-4 ... 113 °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	Main enclosure: painted black steel or 316L stainless steel Main enclosure (rear cover): 6062 anodized aluminum, marine grade
Installation	100 mm ( 3.9 inch ) VESA mount
Mass	Main unit: 15.9 kg (35 lb) without keyboard; 21.3 kg (47 lb) with keyboard Transmitter "K3": 1.3 kg (2.9 lbs) Transmitter "K4": 0.3 kg (0.7 lbs) Transmitter "K5": 0.3 kg (0.7 lbs)
Dimensions	Main enclosure: 636 x 406 x 86 mm (25.0 x 16.0 x 3.4 inch), junction box adds 43 mm (1.7 inch) to depth Keyboard enclosure: 559 x 254 x 51 mm (22.0 x 10.0 x 2.0 inch) Transmitter "K3": 198 x 99 x 36 mm (7.8 x 3.9 x 1.4 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>	
EU-Type Examination Certificate	
Marking	⊕ II 3G Ex ic nA IIC T4 Gc
<b>International approvals</b>	
ETL Intertek	Class I, Div. 2 Groups A, B, C, D; T4

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**Dimensions**



**Accessories**

VESA CABLE FEEDTHROUGH

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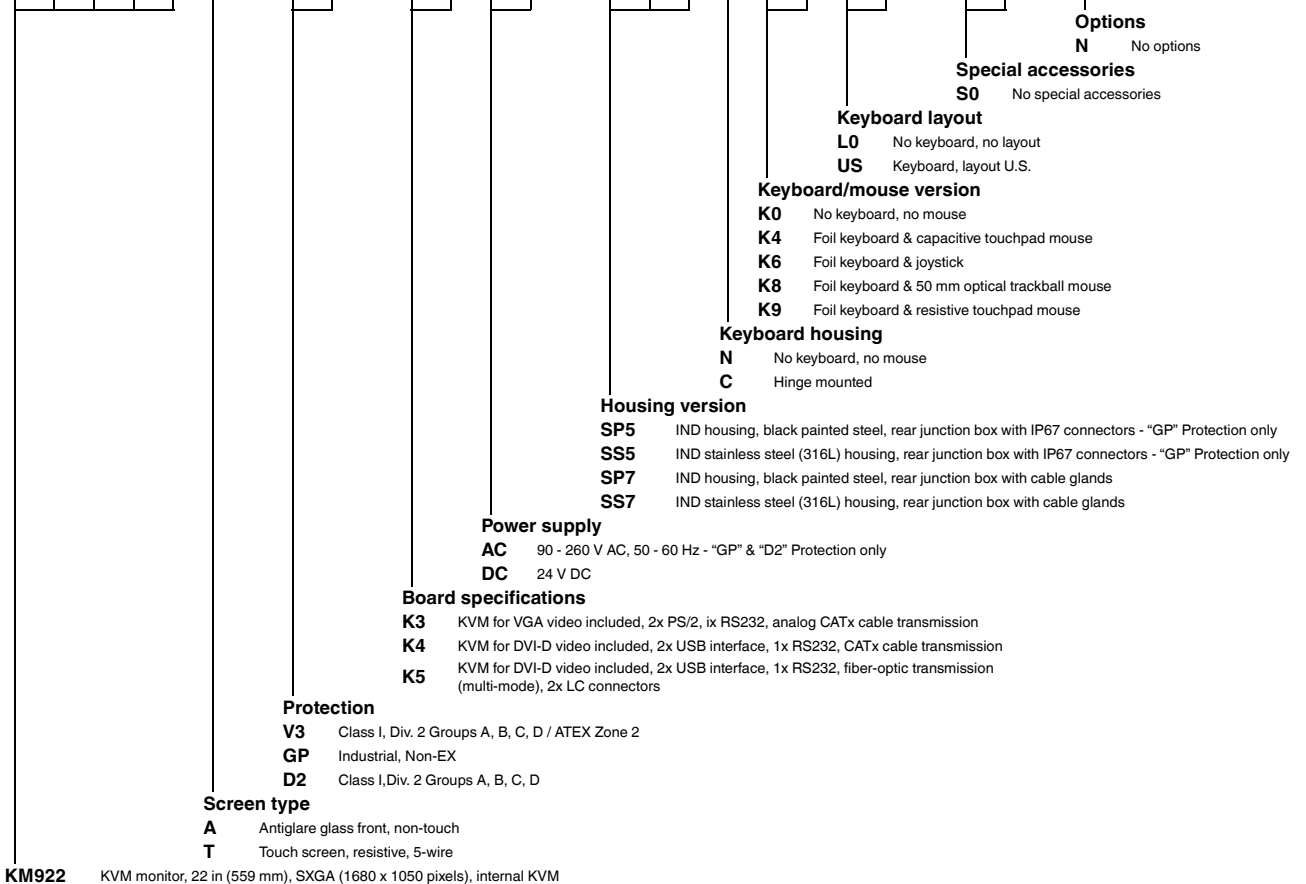
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Type code

**K M 9 2 2 T - D 2 - K 5 A C - S S 7 N K 0 L 0 - S 0 - N**



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