

17.0" LCD PANEL MOUNT MONITOR

29LP173A61MP/5

DATASHEET

HIGH QUALITY, LCD PANEL MOUNT MONITOR

The 29LP173A61MP/5 Series of LCD Panel Mount monitors has been designed for the OEM / System Builder who must integrate a compact VGA colour display into limited space on a panel or bulkhead.

A strong metal chassis encloses all signal and backlight electronics. The chassis is securely fixed to a 3mm thick steel front panel. A toughened glass plate provides protection to the TFT panel. A compressible gasket around the perimeter of the panel provides IP65/NEMA sealing of the panel/bulkhead interface. Bulkhead fixing is by means of threaded studs at the rear of the panel.

SOLUTIONS FOR PANEL MOUNT MONITORS

- > **Rugged metal construction with good stability**
The LCD monitor has been designed with solidity, being housed in a compact metal construction with a toughened glass protection screen.
- > **Optional touch screen facility**
A touch screen can be integrated into the monitor
- > **Inputs**
All monitors have RCA and 15-D connectors
- > **IP65 sealing**
The front panel is sealed to IP65 rating



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Electrical Description		Mechanical Description	
TFT Characteristics:	Type:	a-si TFT active matrix	Dimensions: Monitor: 400 x 483 x 55 mm Weight: 5kg approx
	Max Resolution:	1280 x 1024 pixels	Input: RCA, 15-D, 4 pin mini DIN
Active Display Area:	337.9 X 270.3 mm	Housing	Painted aluminium
Response Time:	25ms average, typical	User Controls:	Rear mounted
Contrast Ratio:	1000:1 typical	On Screen buttons	Brightness, Contrast, OSD
Brightness:	280cd/m ² typical		
Viewing Angles (at CR>10):	178° H , 178° V		
Backlight Life:	50,000 hours typical		
No. Colours:	16.7M		
Video Signal:	PAL / NTSC Analog 0.7Vp-p		
Signal Sync:	Composite (CVBS) 1 V p-p Separate H&V (+/ve) TTL Sync-on-Green 0.3V p-p		
Synchronisation Range:	Horizontal scan: 15kHz (PAL / NTSC) 30kHz - 60kHz Vertical scan: 50 to 60Hz		
Power Supply:	90 - 260V AC 50/60Hz		
Power Consumption:	60W (Max)		Part Numbers:
Environmental:	Storage Temp: -25 to 60°C Operating Temp: 0 to 50°C		Part number: 29LP173A61MP/5 AC power pack: 20BK0234H Touch screen Model RS232: 29LP173AR61MP/5

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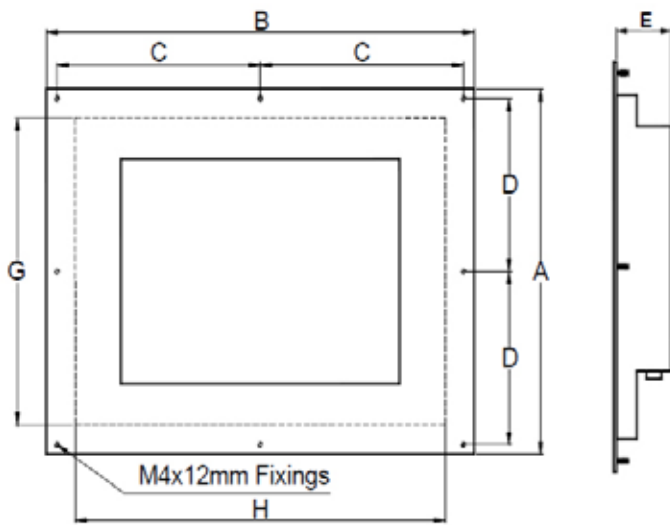


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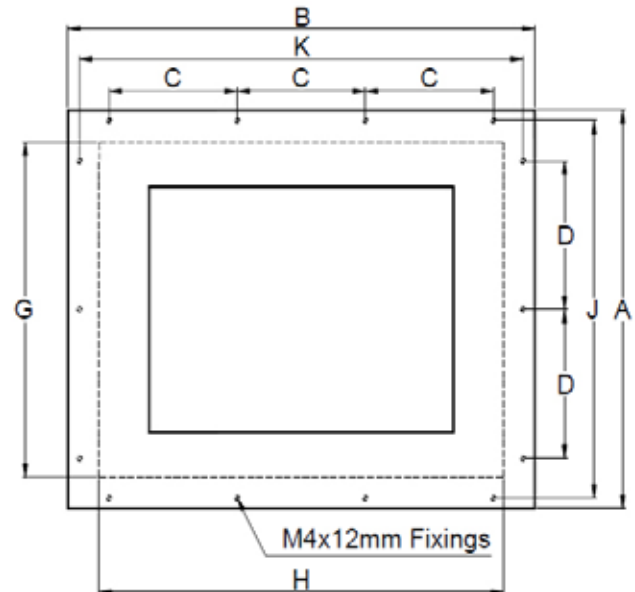
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FRONT VIEW 12.1" & 15.0"



FRONT VIEW 17.0" & 19.0"



Design Notes:

1. 1. Panel Colour is normally RAL 7035.
2. 2. Panel /Rack Metal Thickness is 3mm

(Not to Scale)

Dimensions (mm)	PANEL MOUNT			
	12.1"	15.0"	17.0"	19.0"
A	302	342	400	400
B	380	428	483	483
C	180.5	206	130	130
D	143	163	150	150
E	55	60	55	60
G (Panel Hole)	264	298	334	366
H (Panel Hole)	343	390	404	436
J (Fixing Studs)	-	-	384	384
K (Fixing Studs)	-	-	467	467