

19.0" LCD PANEL MOUNT MONITOR

29LP1901A61M/2

DATASHEET

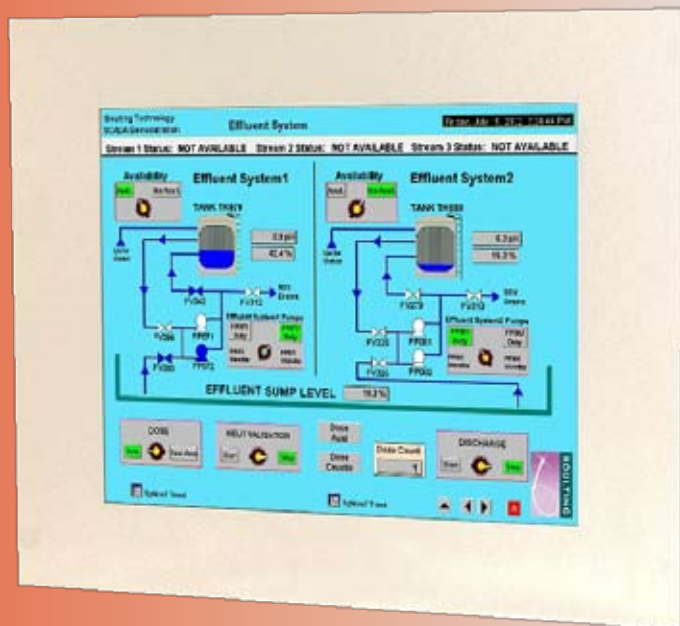
HIGH QUALITY, LCD PANEL MOUNT MONITOR

The 29LP1901A61M/2 Series of LCD Panel Mount monitors has been designed for the OEM / System Builder who must integrate a compact 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 DVI-D 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	Input:
	Max Resolution:	1280 x 1024 pixels	Housing
	Active Display Area:	376 X 301 mm	User Controls:
	Response Time:	16ms average, typical	On Screen buttons
	Contrast Ratio:	700:1 typical	
	Brightness:	250cd/m2 typical	
	Viewing Angles (at CR>10):	170° H , 170° V	
	Backlight Life:	50,000 hours typical	
	No. Colours:	16M	
	Video Signal:	Analog 0.7V p-p	
Signal Sync:	Separate H&V (+/ve) TTL		
Synchronisation Range:			
Horizontal scan:	30 - 80kHz		
Vertical scan:	50 to 80Hz		
Power Supply:	90 - 260V AC 50/60Hz		
Power Consumption:	60W (Max)		
Environmental:			Part Numbers:
Storage Temp:	-25 to 60°C		Part number:
Operating Temp:	0 to 50°C		AC power pack:
			Touch screen Model RS232:

Due to a policy of continuous product development KME reserves the right to change specifications and descriptions without prior notification. All trademarks acknowledged.

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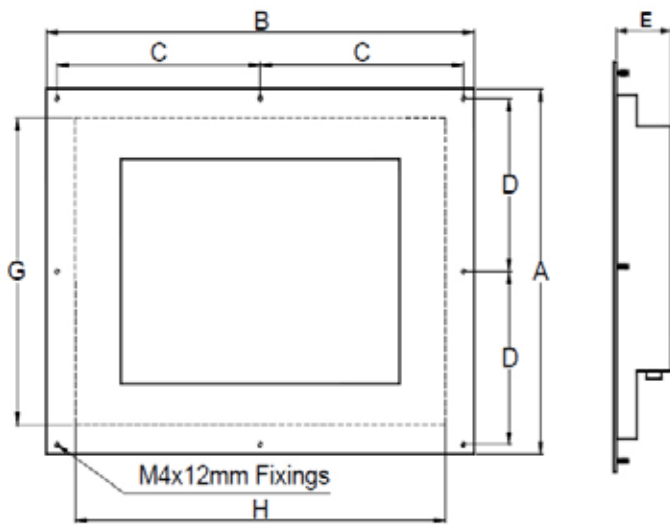


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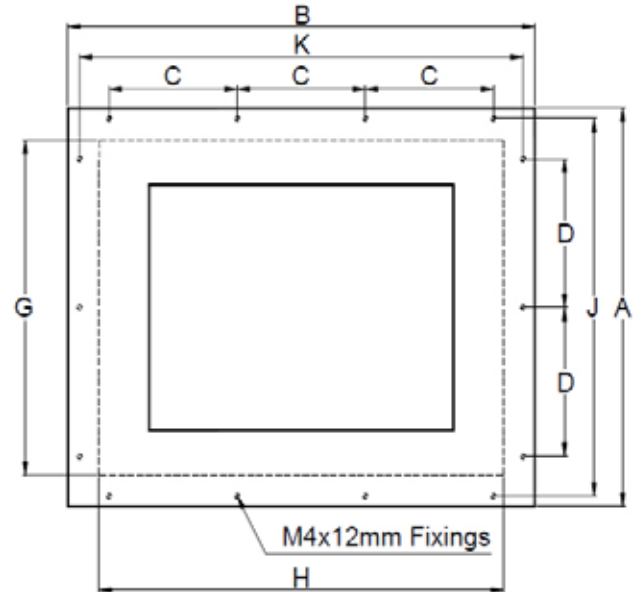
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FRONT VIEW 12.1" & 15.0"



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