

FOR 19" CRT

29LWC19DMA01/1

Electrical Description	
TFT Characteristics:	
Type:	AM colour TFT
No. of colours:	16M
Max resolution:	1280 x 1024 pixels
Active display area:	376 x 301 mm
Brightness:	250cd/m ²
Backlight life:	50,000 hours
Contrast ratio:	1000:1 typical
Viewing angles:	140°H, 140°V
Input connectors:	9D, 15D, BNC x 5
Video Signal:	Analog RGB 0.7-1.0Vp-p Or TTL >2.75Vp-p
Signal Sync:	Separate H&V (+/-ve) TTL or Composite (-ve) TTL or Sync-on-Green (-ve) 0.3V
Synchronisation Range:	Horizontal scan: 15kHz - 60kHz Vertical scan: 40-100Hz
Multiscan Support:	Fast Scan Support: 1280 x 1024 SXGA 1024 x 768 XGA 800 x 600 SVGA 640 x 480 VGA
Power Supply:	90 - 260V AC
Clock rate:	150MHz max
Power Consumption:	50W Max
Physical / Environmental	
Controls: (On Screen Display buttons at rear)	Brightness, Contrast, H/V Position & Size, Frequency, Frequency Fine, Colour
Weight:	9kg approx
Operating Temp:	0 to 50°C
Storage Temp:	-20 to 60°C
Part Numbers:	
Model Number:	29LWC19DMA01/1



- Minimum Width (19" CRT Monitor dimensions)
- CGA/EGA/VGA/SXGA compatible
- Analogue Video inputs via BNC/15HD
- TTL Inputs via 9D- 15D Accessory Cable
- Pre-Programmed for non-standard Legacy signals
- Rear Fixings for CRT Chassis Mounting

The 29LWC19DMA01/1 Industrial LCD monitor has been designed as a replacement for 19" CRT monitors. Ease of integration into a wide range of Measurement, Instrumentation and Human-Machine interface applications has been a key consideration.

KME has designed a rugged LCD monitor module, of minimum width, to match the dimensions of its 19" CRT monitor chassis. The monitor is housed in a rugged metal case with rear fixing points. The LCD module is ventilated for best reliability when mounted within the OEM enclosure. EMC considerations include the use of a metal shield over the front of the LCD panel. Toughened, non-glare safety glass protects the LCD.

The A/D board has been designed to accept a wide range of signal timings from 15kHz up to SXGA standard, including CGA & EGA legacy signals. Set-up controls for fine-tuning of the display are located at the rear of the monitor. Once set, no further adjustments should be required, and the last setting is stored in memory.

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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