

5" MONOCHROME CRT REPLACEMENT

29LW05NE11UN

DATASHEET

Electrical Description	
TFT Characteristics:	
Panel Size:	5.7" (No safety glass or front cover)
No. of colours:	262k
Max resolution:	640 x 480 pixels
Active display area:	116.16 x 87.12 mm
Brightness:	220cd/m ²
Backlight life:	50,000 hours
Contrast ratio:	300:1 typical
Viewing angles:	140°H, 100°V
Input connectors:	10w Edge
Video Signal:	Analog RGB 0.7-1.0Vp-p, TTL (3 bit)
Signal Sync:	Separate H&V (+/-ve) TTL or Composite (-ve) TTL or Sync-on-Green (-ve) 0.3V p-p
Synchronisation Range:	Horizontal scan: 15kHz - 32kHz Vertical scan: 40-70Hz
Multiscan Support:	Fast Scan Support: 640 x 480 VGA 640 x 400; 640 x 350 & other programmed timings in 15-32kHz range
Power Supply:	12V DC
Clock rate:	50MHz max
Power Consumption:	15W typical
Physical / Environmental	
Controls: (On Screen Display buttons at rear)	Brightness, Contrast, H/V Position & Size, Frequency, Frequency Fine
Dimensions (approx):	222 x 128 x 118mm
Operating Temp:	0 to 50°C
Storage Temp:	-20 to 70°C
Part Numbers:	
Model Number:	29LW05NE11UN



- Monochrome LCD for CRT replacement
- Simple plug - and-play design
- High brightness / high contrast TFT panel
- Programmable for non-standard Legacy signals
- 12V DC operation
- OSD controls for maximum versatility

The 29LW05NE11UN series of monitors have been designed for industrial applications in the Control field and other users that require a compact replacement for monochrome CRT monitors with a small footprint, high brightness display and good viewing angles. The rugged, metal construction of the monitors ensures simple retro-fit replacement.

The KME A/D board used has been designed to accept a wide range of signal timings from 15kHz up to VGA 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.

Analogue & TTL signals are accepted via a 10w edge connector.

The 05NE series is a lower cost version of the 05E range, with the monitor having no Safety Glass or Front Cover.

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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