

17" RACKMOUNT MILITARY MONITOR

29LR173D35MP-M

DATASHEET

HIGH QUALITY, RUGGED MILITARY DISPLAY

The 29LR173D35MP-M Series of LCD monitors has been designed for industrial applications that require a compact VGA/SVGA compatible monitor with good viewability. It is constructed from painted aluminium, making it lightweight with good rigidity.

The 29LR173D35MP-M Series incorporates rugged chassis construction for shock and vibration. With wide viewing angles and deep dimming capabilities, this series of monitors is ideal for the more demanding of applications. The 35MP-M series has been designed to comply with military standards for shock & vibration and EMC.

SOLUTIONS FOR THE MILITARY ENVIRONMENT

- > Designed to comply with MIL-STD Shock, Vibration and EMC
- > Advanced Deep Dimming 2000:1
- > Contrast Enhancing AR Safety Glass
- > VGA – XGA & PAL/NTSC



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| Electrical Description | | Mechanical Description | |
|-------------------------------|---|-----------------------------|-----------------------------------|
| TFT Characteristics: | | Dimensions: | Monitor: 440 x 352 x TBD (approx) |
| Type: | AM Colour TFT | | |
| Max Resolution: | 1280 x 1024 pixels | Housing | Aluminium |
| Active Display Area: | 337.9 x 270.3mm | | |
| Response Time: | 10ms average, typical | | |
| Contrast Ratio: | 1000:1 typical @ CR≥10 | Environment | |
| Brightness: | 250cd/m ² typical | Operating Temp: | -10°C to +50°C |
| Viewing Angles (at CR>10): | 178 ° / 178 ° | Storage Temp: | -20°C to 60°C |
| No. Colours: | 16 million | Sealing: | IP65min |
| | | Operating Humidity: | 50% to 90% (non condensing) |
| Connector: | Power: 851-02R123P50 Signal: 8STO-12G35SN | Storage Humidity: | 28% to 90% (non condensing) |
| Synchronisation Range: | | | |
| Horizontal scan: | 15kHz (PAL) - 91kHz | Shock: | Mil-STD-810F |
| Vertical scan: | 56 - 85Hz | Vibration: | Mil-STD-461E |
| Display Modes: | 1280 x 1024 SXGA (recommended) 1024 x 768 XGA 800 x 600 SVGA 640 x 480 VGA | | |
| | | | |
| Power Supply: | 15-30V DC | | |
| Power Consumption: | 60W (Max) | Part Numbers: | |
| | | Model number: | 29LR173D35MP--M |
| | | AC Monitor: | 29LR173A35MP-M |
| | | AC Touchscreen (resistive): | 29LR173AR35MP-M |
| | | DC Touchscreen (resistive): | 29LR173DR35MP-M |

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