



VM 2417

9" high-resolution monochrome videomonitor



CRT

- 9" diagonal, deflection angle 90°
- Phosphor P4 white, medium-short persistence
- Display area 198 mm x 149 mm (4x3)
- Resolution approx. 1000 TV-Lines at a brightness of 68.5 cd/m² in the middle of the picture
- Luminance approx. 250 cd/m² at middle brightness, approx. 500 cd/m² max brightness

Deflection

- CCIR and RS 170 A
- Horizontal 15.625 kHz (15.7 kHz)
- Vertical 50 Hz / 60 Hz
- Linearity distortion better than 3%
- Geometry distortion better than 3%

Video Amplifier

- Linear analogue wide-band amplifier
- Video input 1 V_{pp} positive / 0.3 V Sync
- Impedance switchable 7,5 kΩ / 75 Ω
- Video loop through
- Bandwidth 15 MHz -3 db typ.
- Contrast ratio 1:10

High Voltage

- 13 kV, stabilized
- Focus static and double dynamic

Video Input

- BNC connector, rearside
- Composite Video, BAS

Power Supply

- Mains voltage 110 V AC / 230 VAC, switchable 50 Hz / 60 Hz
- Power consumption approx. 50 W

Environmental

- Working temperature: +10 ...+40°C
- Storage temperature: -40 ...+55°C
- Humidity < 80%, non condensing
- Altitude max. 3000 m operating

Security

- acc. VDE 0750 / IEC 601
- X-Radiation < 0.5 mR/h acc. RÖV 1973

