

Multisync Video-CRT-Micromonitor for Use in Chain and Wheel Driven Vehicles

type number 00723



Description:

This customer designed micromonitor was designed for the application in a chain-driven armoured vehicle. It offers a high quality image for video and night vision cameras. Thanks to the high stability of the image geometry the monitor is suitable for tactical sights, for target detection and engagement.

- Image observation by the operator with an eye-piece
- Integrated test image generator for functional check
- Stabilized HV- Voltage

Features for military use:

- High shock and vibration resistance 50 Hz - 2000 Hz
- Resistance against salt fog, water, humidity, chemicals.
- EMI performance



Micromonitor mounted on a tactical sight
(photo provided by Zeiss, Oberkochen / Germany)

Ask for further technical information!

Functional or interface modifications can be realized on request. Each configuration change causes a new type number.

Technical Data:

Image size:	14,2 mm x 10,6 mm
CRT:	2 cm diameter, P43 (monochrome, green) spot diameter < 18 µm at screen centre, with 60 cd/m ² brightness <300 cd/m ²
Deflection:	Multisync range Hor. 15 kHz to 45 kHz Ver. 50 Hz to 120 Hz
Interface:	3x Video, 75 Ω differential CCIR, Bandwidth 18 MHz
Adjustments:	Brightness, contrast, image position via CAN-Bus
Hours meter:	5 digits, with reset
Power supply:	18 Vdc - 34 Vdc, < 25 W, VG 95916
Temperature:	-40 °C to +63 °C (operating) -40 °C to +71 °C (storage)
Housing:	AlMg3, water protect. IP 65
Dimensions:	73 x 125 x 227mm (W x H x D)
Weight:	< 2,5 kg