



A5012TFT006

12.1" TFT industrial monitor with minimal-front-plate

**with 12.1" diagonal screen TFT flat panel display
proven technology in Germany**



PRODUCT OVERVIEW

Rev: 09/2007

The unit described in this data sheet is a microprocessor controlled TFT video monitor intended for applications with higher requirements for durability, brightness and stability.

Approx. 31 cm diagonal screen and max. solution of 800 x 600 pixels:

This unit is optimal as a data monitor for control tasks or as a monitoring monitor with an additional TV converter. The picture impresses with its brilliant sharpness, brightness and very high contrast.

Special video timings as EGA or CGA are optional available. This allows an easy integration into already existing manufacturing plants.

The housing is an extremely solid and compact metal construction with an installation depth of only 60 mm. The surface is powder coated and available in all RAL color tones.

The TFT is protected by an integrated anti-glare and contrast enhancement filter.

The front panel allows an easy assembly to machines and constructions.

TECHNICAL SPECIFICATIONS

Resolution:	VGA 640 x 480 SVGA 800 x 600 FBAS video optional CGA/EGA, special timings optional sync. at green optional
Vertical frequency:	50 Hz - 85 Hz
Synchronisation:	automatic frequency scanning
Signal input:	15 pol. HD-Sub optional: BNC
TFT:	12.1" active matrix flat screen 300 cd/m ² contrast 200:1 6 Bit per color (262.144 colors)
Control elements / Switches:	rear mounted on and off switch power connection IEC 320 – C14 15 pol. HD-Sub, BNC OSD keyboard: 9pol. D-Sub
Power supply:	115 VAC to 230 VAC, 50 / 60 Hz
Power input:	about 20 W
Operating temperature:	0°C 45°C
Humidity:	95% max. (non condensing)
Dimensions:	height 266 mm width 337 mm depth 57 mm
Mounting holes in the grid:	190.75 mm x 319 mm
Manufactured in compliance with:	EN 60950:2000 EN55022/1998, EN55024-1/1997 EN61000 part 2, 3/1987 CE - Mark
Options:	special vanishing, foil coatings touch screen