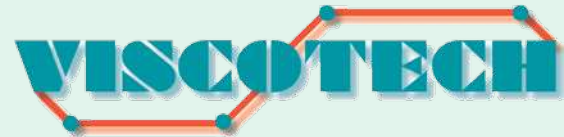


SEM10-F

TFT-monitor 10,4" double frontpanel



Overview:

- TFT / LCD monitor for special frequencies
- screen diagonal 10,4"
- interface RGB analog and digital (TTL)
- input frequencies from 15 kHz / 50 Hz
- 2-frontpanel system for easy mounting in existing section of 12" CRT
- frontpanel with protection glass

Description:

Monitors SEM10-F are used as replacement for CRT-monitors in older control systems e.g. CNC machines, packaging machines, or plastic injection molding machines. The monitors are available with either analog one RGB input or RGB and digital TTL input according to the control. The default timing is compatible to the control, this means after connecting the monitor the visualisation works correctly. Further adjustments can be made via on-screen-menu. The connector and interface for the graphic-signal are compatible to the control, so the replacement is easy. Mounting via clamping the double frontpanel in the monitor section for fast and simple replacement with no specialized knowledge.

Technical Data:

Overview:

Industrial TFT monitor 10,4" for mounting in controlpanel

Interfaces:

analog: HD-SUB15, BNC by adapter
digital (TTL): D-SUB9 or D-SUB15
optional special plugs of the control

Synchronisation / Timings:

TTL, Sync-on-Green, C-Sync, FBAS, CGA, EGA, VGA & special frequencies depending on version

Resolution:

max. 1024x768

Visible picture:

211x158mm

Adjustments:

via on-screen-menu

Brightness / Contrast:

min. 500 cd/qm, 1000:1

Power supply:

115/230VAC, optional 12 or 24VDC via internal power supply / converter

MTBF:

Backlights min. 50000h

Mechanical dimensions:

case: 260 x 190 x 55 (95)mm
frontpanel small: 267 x 197 mm
frontpanel big: 276 x 206mm

Mounting:

from the front in the monitorsection of controlpanel
(min. 256x186mm) clamping via double front

Material:

frontpanel: Aluminium powder coated, black, protection glass

environmental conditions:

operating temperature 0-50°C
storage temperatur 0-65°C
humidity: 10 - 80 % rel. humidity, not condensing

Protective level:

front IP65

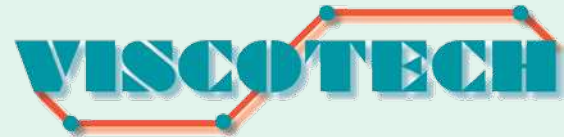
Norms:

part number:

- | | |
|-----------------|-----------------------------|
| 10030701 | SEM10-F double front, small |
| 10030710 | SEM10-F double front, big |

SEM10-F

TFT-monitor 10,4" clamping frame



Overview:

- TFT / LCD monitor for special frequencies
- screen diagonal 10,4"
- interface RGB analog and digital (TTL)
- optional FBAS input
- input frequencies from 15 kHz / 50 Hz
- long-term availability
- frontpanel with protection glass

Description:

Monitors SEM10-F are used as replacement for CRT-monitors in older control systems e.g. CNC machines, packaging machines, or plastic injection molding machines. The monitors are available with either analog one RGB input or RGB and digital TTL input according to the control. The default timing is compatible to the control, this means after connecting the monitor the visualisation works correctly. Further adjustments can be made via on-screen-menu. The connector and interface for the graphic-signal are compatible to the control, so the replacement is easy. Clamping frame for fast and simple replacement with no specialized knowledge.

Technical Data:

Overview:

Industrial TFT monitor 10,4" for mounting in controlpanel via clamping frame

Interfaces:

analog: HD-SUB15, BNC by adapter
digital (TTL): D-SUB9 or D-SUB15
optional special plugs of the control

Synchronisation / Timings:

TTL, Sync-on-Green, C-Sync, FBAS, CGA, EGA, VGA & special frequencies depending on version

Resolution:

max. 1024x768

Visible picture:

211x158mm

Adjustments:

via on-screen-menu

Brightness / Contrast:

min. 500 cd/qm, 1000:1

Power supply:

115/230VAC, optional 12 or 24VDC via internal power supply / converter

MTBF:

Backlights min. 50000h

Mechanical dimensions:

case: 260 x 190 x 95mm
frontpanel: 290 x 228 mm

Mounting:

from the front in the monitorsection of controlpanel (min. 262x208mm) via backsided clamping frame

Material:

frontpanel: Aluminium powder coated, black, protection glass

environmental conditions:

operating temperature 0-50°C
storage temperatur 0-65°C
humidity: 10 - 80 % rel. humidity, not condensing

Protective level:

front IP65

Norms:

EMV: EN55022 EN55024; EN61010-1

part number:

10030708 SEM10-F clamping frame