

# SEM8-F

## TFT-monitor 8,4" double frontpanel



### Overview:

- TFT / LCD monitor for special frequencies
- screen diagonal 8,4"
- interface RGB analog and digital (TTL)
- input frequencies from 15 kHz / 50 Hz
- 2-frontpanel system for easy mounting in existing section of 10" CRT
- frontpanel with protection glass

### Description:

Monitors SEM8-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 8,4" 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. 800x600

#### **Visible picture:**

171x128mm

#### **Adjustments:**

via on-screen-menu

#### **Brightness / Contrast:**

min. 400 cd/qm, 500:1

#### **Power supply:**

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

#### **MTBF:**

Backlights min. 50000h

#### **Mechanical dimensions:**

case: 212 x 166 x 55 (95)mm

frontpanel: 236 x 184mm

#### **Mounting:**

from the front in the monitorsection of controlpanel (min. 192x145mm) 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:**

EMV: EN55022 EN55024; EN61010-1

### part number:

**10030722** SEM8-F double frontpanel