

# SEM8-K

## TFT-monitor 8" curved front



### Overview

- TFT / LCD monitor for special frequencies
- screen diagonal 8"
- Connector RGB analog and digital (TTL)
- optional FBAS Input
- input frequencies from 15 kHz / 50Hz
- Settings via on-screen-menu
- Front adapter made of plastic with original curve of the CRT

### Description

Monitors SEM8-K are used as replacement for 9" / 10" 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 in the crt-chassis of the tube, this means fast and simple replacement with no specialized knowledge. The curved front adapter guarantees a good sealing in the panel.

### Technical data

#### **Overview:**

Industrial TFT monitor 8" for mounting into the CRT / tube chassis

#### **Interfaces:**

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

#### **Synchronisation / Timings:**

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

#### **Resolution:**

max. 800x600

#### **Visible picture:**

165 x125mm

#### **Adjustments:**

via on-screen-menu

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

min. 400 cd/qm, 500:1

#### **Power supply:**

115/230VAC, optional 12 or 24VDC

#### **MTBF:**

Backlights min. 50000h

#### **Mechanical dimension:**

fitting to CRT chassis

#### **Material:**

front adapter made of plastic with original curve of the CRT, Protective glass

#### **environmental conditions:**

Operating temperature 0-50°C

Storage temperature 0-65°C

Humidity: 10 - 80 % rel. humidity, not condensing

#### **Protection class:**

Front IP 65

#### **Norms**

EN55022 EN55024 EN61010-1

### Part number:

10030601      SEM8-K