

# SEM12-F WF470/480 Gracis

## TFT-monitor 12" double frontpanel



### Overview:

- 12" TFT / LCD monitor for Siemens WF470, WF480, CP52xx and Gracis
- replacement for 14" CRT
- interface and timing compatible to control
- no detachable attachment front side accessible (No dismantling by operators possible)
- 2-frontpanel system for easy mounting in existing section of CRT

### Description:

The monitors SEM12-F used as replacement for 14" CRT-monitors in machines e.g. OP 6FM1496-4DA00 Siemens with controls WF-470, WF-480 and Gracis. The monitor electronic detects the signal timing, this means after connecting the monitor the visualisation works correctly. Further adjustments can be made via on-screen-menu. Mounting in the section of the 14" CRT without any mechanical changes. The replacement can be made fast and simple and without any specialized knowledge.

### Technical Data:

#### **Overview:**

Industrial TFT monitor 12" for mounting in controlpanel

#### **Control:**

WF470, WF480 and Gracis

#### **original monitor:**

14" CRT

#### **Interfaces:**

3x BNC

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

compatible to control

#### **Resolution:**

max. 800x600

#### **Visible picture:**

246x185mm

#### **Adjustments:**

via on-screen-menu

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

min. 400 cd/qm, 500:1

#### **Power supply:**

115/230 VAC

#### **MTBF:**

Backlights min. 50000h

#### **Mechanical dimensions:**

case: 307 x 225 x 65mm

frontpanel: 315 x 235 x 3 mm

#### **Mounting:**

from the front in the monitorsection of controlpanel  
(min. 301x 220mm) clamping via double front

#### **Material:**

frontpanel: Aluminium powder coated, black,  
protection glass

#### **environmental conditions:**

operating temperature: 0-50°C

storage temperature: 0-65°C

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

#### **Protective level:**

front IP65

#### **Norms:**

EMV: EN55022 EN55024; EN61010-1

### part number:

**10030982** SEM12-F Siemens WF4xx