

# SEM12-K for Millplus TFT-Replacement 12"



## Overview

- 12 " TFT / LCD Monitor for MillPlus/ Grundig
- Replacement for 14" CRT-monitor MC14018U-780B
- Connector and signal timing compatible to the control
- Settings via on-screen-menu
- Front adapter made of plastic with original curve of the CRT

## Description

The monitor SEM12-K used as replacement for 14" CRT-monitor for the control Grundig /Millplus/ ManualPlus from Heidenhain

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.

The monitor has to be mounted in the old CRT-chassis.

The curved front adapter guarantees a good sealing in the panel.

## Technical data

### Overview:

Industrial TFT monitor 12" for mounting backside into the CRT / tube chassis

### Control:

Grundig

### Original monitor:

14" CRT-monitor MC14018U-780B  
MillPlus/ ManualPlus

### Interfaces:

HD-SUB15 and D-SUB15 male

### Synchronisation / Timings:

compatible to the control

### Resolution:

max. 800x600

### Visible picture:

246x185mm

### Adjustments:

via on-screen-menu

### Brightness / Contrast:

min. 400 cd/qm, 500:1

### Power supply:

115/230VAC

### MTBF:

Backlights min. 50000h

### Mechanical dimensions:

compatible

### Material:

Frontpanel: 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

10030931 SEM12-K Millplus