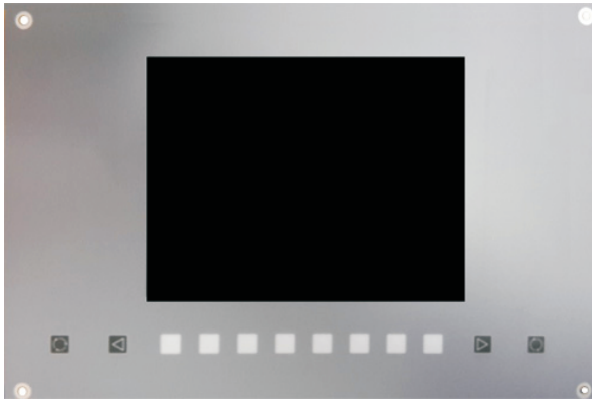


SEM10-F Heidenhain

TFT-Replacement 10" for BF120



Übersicht

- TFT / LCD Monitor with frontpanel as replacement for ID 313 506-02
- Interface D-SUB62 and D-SUB9
- integrated membrane-keyboard
- connector and signal timing compatible to the control
- settings via on-screen-menu
- long-term availability

Description

The monitors SEM10-F are used as Replacement for 12" CRT-monitors Ff120 (monitor ID 313506-02) with control TNC410, TNC416, TNC426 and TNC430 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. Fast and simple replacement through mounting holes in the section of the 12" CRT without any mechanical changes and without any specialized knowledge.

Technical Data

Overview:

Industry TFT-monitor 10" for rear mounting in control panel

Control:

Heidenhain TNC410, TNC416, TNC426 and TNC430

Original monitor:

12" CRT-monitor BF120
ID 313 506-02

Interfaces:

signal: socket: 62pin, 3-rows
D-SUB9 for keyboard

Synchronisation / Timings:

compatible

Resolution:

max. 800x600

Visible picture:

211x158mm

Adjustments:

via on-screen-menu

Brightness / Contrast:

min. 400 cd/qm, 500:1

Power supply:

24VDC via screwclamps

MTBF:

Backlights min. 50000h

Mechanical dimensions:

Frontpanel: 400x264 mm

Hole Distance: 376x246mm

Material:

Frontpanel: coated with keypad

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:

10030856 SEM10-F-Heidenhain-BF120

SEM10-O-BF120/129

TFT-monitor 10" for Heidenhain



Overview

- TFT / LCD monitor modul
- screen diagonal 10"
- Interfaces D-SUB62
- keyboard D-SUB9
- mountings compatible
- replacement is easy
- long-term availability

Description

The monitors SEM10-O are used as Replacement for 10" TFT-Displays in the control panel BF120/129 with control from Heidenhain.

The connector and signal timing are compatible with the control.

The monitor modul has to be screwed from behind on the existing panel, the mounting points are the same as the original monitor. The keyboard has to be connected via a ribbon cable with 10-pin pin header. Fast and simple replacement without any specialized knowledge possible.

Technical data

Overview:

Industry TFT monitor 10" for Heidenhain

Control:

Heidenhain TNC410, TNC416, TNC426, TNC430

original Display:

TFT-monitor BF120 / 129

Resolution:

max. 800x600

Visible picture:

211x158mm

Adjustments:

via on-screen-menu

Brightness / Contrast:

min. 300 cd/qm, 500:1

Power supply:

24VDC via screw clamp

Interfaces:

D-SUB62 connector for videosignal

D-SUB9 connector male for Keyboard

MTBF:

Backlights min. 40000h

Mechanical dimensions:

Case: compatible with the original modul

Material:

Case: aluminium

Environmental conditions:

Operation temperature 0-50°C

Storage temperature 0-65°C

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

Norms:

En55022 EN55024 EN61010-1

Part number

10030855 SEM10-O-Heidenhain-BF120/129