

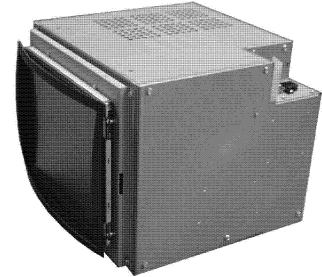
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12.1" LCD MONITOR 14" COLOR REPLACEMENT

A61L-0001-0096

Omni Vision model# **FP12B4G1-ZG**



This Omni Vision 12.1" industrial LCD module drops into sturdy industrial 14" color CRT monitor open frame, metal chassis applications. It is designed to replace the 14" color CRT and its associated electronics while maintaining high-resolution image requirements of wide-angle viewing and bright light output. This monitor is a direct replacement for the Omni Vision E14DC-ZG Rev xx

It is designed for replacement applications for TATUNG, TOTUKO, TOSHIBA and OKUMA CONTROLLERS (which is commonly found in Fanuc controllers with display module A61L-0001-0096. This model has been specifically designed for 31.5 kHz applications but may operate at other horizontal frequencies between 24 and 31 kHz without reducing quality or reliability of unit.

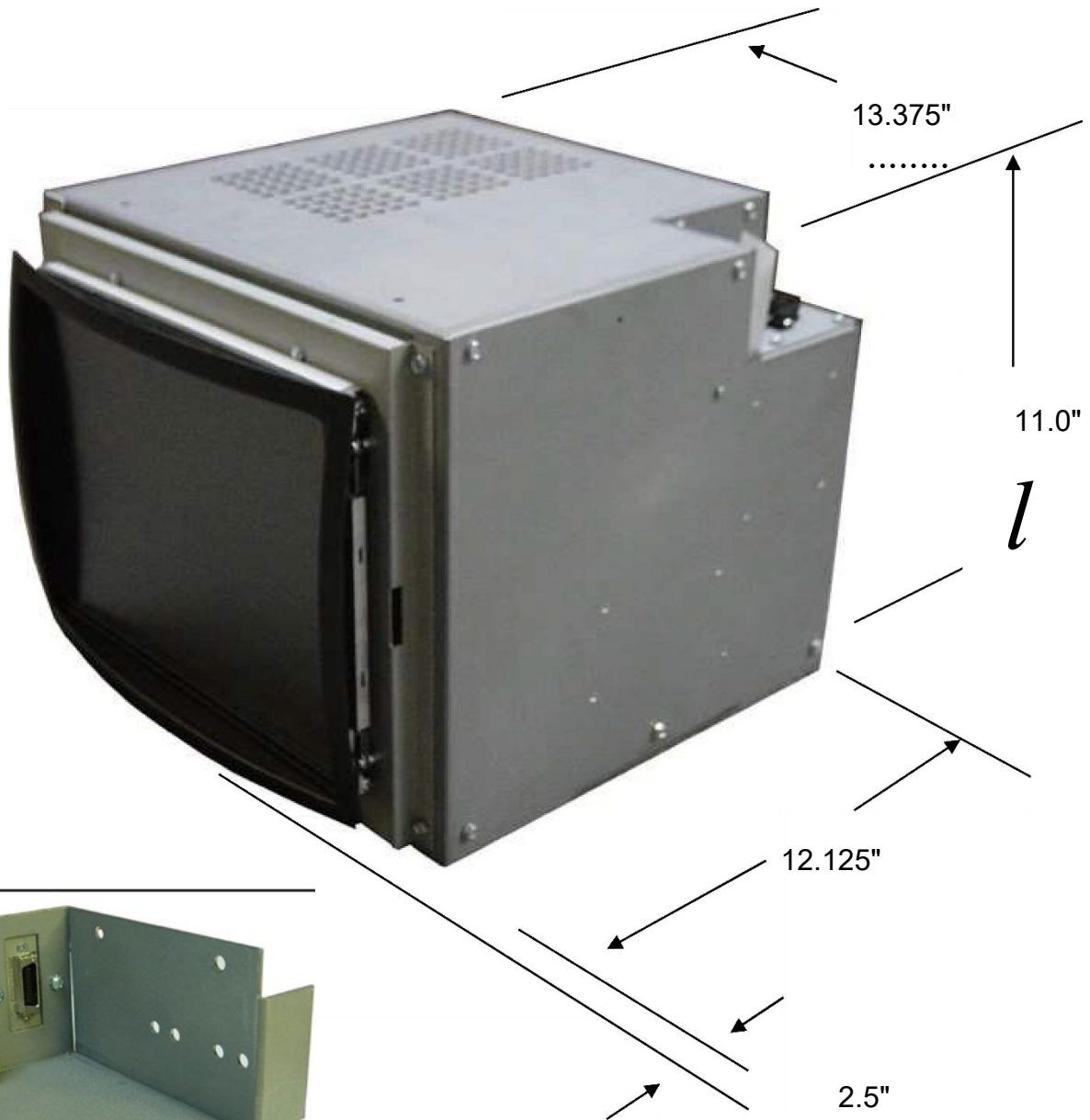
Display Specification:

Active Matrix	12.1" TFT color LCD (307.3 mm diagonal)
Usable Viewing Area (Size)	9.68"x7.26" (246.0x184.5mm)
Viewing Angle	Horizontal-right & left 70 degrees Vertical-upper 50 degrees & lower 60 degrees
Dot Pitch	0.3075 x 0.3075 mm
Max Resolution	1078 x 768
Max Colors	16.2M/262K colors (262k-RGB 6-bit driver)
Response Time	Rise time-10 millisecond (typical) Fall time-25 millisecond (typical)
Horizontal Frequency	15.7 to 60kHz
Vertical Frequency	56 to 85Hz
Brightness (full white)	400 nits
Contrast Ratio	600:1
Input Signal TTL	Horizontal 31.5Khz and Vertical 60Hz Thru 20-pin Honda Connector
Power Input AC	90 VACS to 264 VACS (47Hz to 63Hz) Thru Barrier Strip or 3-Pin Bumpy Connector
Temperature: Operating	-30 to +85 degrees C
Storage	-30 to +85 degrees C

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Model FP12B4GO-ZxA
12.1" color LCD replacement of 14" color CRT
Industrial chassis



Mounted in rear:
Signal and power
inputConnectors

Omni Vision Inc

The Display Monitor Specialists

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Omni Vision Model

FP12B4G0-ZxA
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Fanuc model

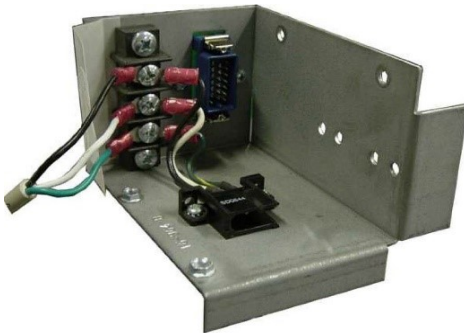
A61 L-0001-0074
A61 L-0001-0074
A61 L-0001-0096
A61 L-0001-0096

Includes-

- Typical Fanuc signal and power input connectors
- Typical, equivalent Fanuc bracket

Photos of power and signal input connectors

FP12B4Gx-ZxA



FP12B4G1-ZG

