

Mitsubishi GT27-V4-Z Manual

Brand	Mitsubishi
Product Series	Mitsubishi Pepperl+Fuchs Omron
Product Type	Video Input Unit

Description

The GT27-V4-Z, a video input unit by Mitsubishi, integrates into the GOT2000 series. It is specifically designed for the GT27 models and can display analog video signals directly on the connected HMI screen.

Technical specifications for GT27-V4-Z

Manufacturer Mitsubishi

Product Line GOT2000

Part Number GT27-V4-Z

Weight 3.00 lbs (1.36 kg)

Device Type Video Input Unit

Series Compatibility GOT2000 Series

Applicable Models GT27

Functionality Accepts analog video signals and displays them on the connected GOT2000 series HMI

Input Channels 4 channels; each channel can display one video input at a time

Input Signal Type Composite video signals (NTSC/PAL formats)

Synchronization Signal 1 Vp-p, 75 Ω impedance

Display Resolution 640 x 480 pixels (VGA)

Connector Type BNC connectors for external connection

Current Consumption Approximately 0.32 A at 3.3 V DC; 0.34 A at 5.0 V DC

Description

Mitsubishi's GT27-V4-Z is a dedicated video input unit within the GOT2000 series, meant for reliable integration with GT27 models. This unit handles analog video signals, enabling efficient display on the associated Human-Machine Interface (HMI).

Equipped with four separate input channels, the device can process and show one video input at a time per channel. It accepts composite video signals in NTSC and PAL formats to deliver consistent performance.

The synchronization requirement is met by providing a 1 Vp-p signal with a 75 Ω impedance, ensuring compatibility with various video equipment. For visual clarity, it offers a display resolution of 640 x 480 pixels, categorized as VGA quality, suitable for general monitoring tasks.

BNC connectors facilitate external connections, which is standard in video systems. The current consumption is approximately 0.32 A at 3.3 V DC and 0.34 A at 5.0 V DC, indicating efficient operation characteristics.

When paired with the GT27-IF1000 interface converter, the unit weighs around 0.34 kg, making it manageable within system setups.

Technical Specifications

Manufacturer Mitsubishi

Product Line GOT2000

Part Number GT27-V4-Z

Weight 3.00 lbs (1.36 kg)

Device Type Video Input Unit

Series Compatibility GOT2000 Series

Applicable Models GT27

Functionality Accepts analog video signals and displays them on the connected GOT2000 series HMI

Input Channels 4 channels; each channel can display one video input at a time

Input Signal Type Composite video signals (NTSC/PAL formats)

Synchronization Signal 1 Vp-p, 75 Ω impedance

Display Resolution 640 x 480 pixels (VGA)

Connector Type BNC connectors for external connection

Current Consumption Approximately 0.32 A at 3.3 V DC; 0.34 A at 5.0 V DC

www.AutoDCSTech.com