

General Specifications

Model VI702
Vnet/IP Interface Card

CENTUM VP



GS 33K50C10-50E

[Release 5]

■ GENERAL

By installing the control bus interface card into the PCI Express slot of the PC/AT compatible computer, the computer is connected to Vnet/IP.

■ FUNCTION

Interface between the PCI Express and Vnet/IP

■ SPECIFICATIONS

For conforming standards of the CENTUM VP system, see "System Overview (Vnet/IP Edition)" (GS 33K01A10-50E).

Communication Speed

1 Gbps Full Duplex

Connection Specifications

Cable: CAT5e (Enhanced Category 5 cable), UTP
Transmission: 1000BASE-T compliance
Connector: RJ45 connector
Max. distance: 100 m (Distance between VI702 and Layer 2 switch)

PCI Express Specifications

Applicable revision:
PCI Express CEM Specification 1.0a
x1, 2.5 GT/s signaling
This card can be installed in a PCI Express slot (x1 to x16).
This card cannot be installed in a PCI slot.

Voltage

Power supply voltage: 3.3 V \pm 9 %

Current Consumption

Max. 2.5 A

Weight

Approx. 0.18 kg

External Dimensions

111.15 x 167.65 (mm)
Full-height, Half-length

Regulatory Compliance

EMC Standards:
[CE Marking]
[C-Tick Marking]
[KC Marking]

■ PARTS NAME AND FUNCTIONS

RDY lamp

Lights when it diagnoses the card as normal.

RCV lamp

Lights when it detects signals on a control bus.

SND lamp

Lights when it sends signals to a control bus.

Ethernet connector

Connects a CAT5e (Enhanced Category 5 cable)

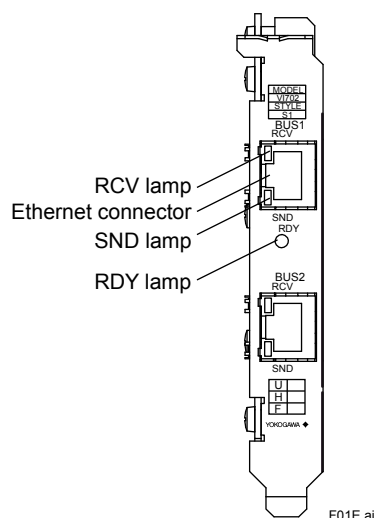


Figure Vnet/IP Interface Card (Front)

■ COMPATIBILITY WITH VI701

The Vnet/IP interface of VI702 is compatible with VI701 card so that the VI701 card and VI702 card can be installed together in a same bus.

Moreover, setting the domain number and station number of a VI702 card can be performed in a same way as for a VI701 card.

■ MODEL AND SUFFIX CODE

Model	Description
VI702	Vnet/IP Interface Card

■ ORDERING INFORMATION

Specify model.

■ TRADEMARKS

- CENTUM and Vnet/IP are registered trademark of Yokogawa Electric Corporation.
- Other product and company names appearing in this document are trademarks or registered trademarks of their respective holders.