

## Ci-GG200 GE Genius Signal Converter



- Provide 2 channel GE Genius fieldbus interface, maximum communication rate up to 153.6Kbps
- 2 Ports isolation function, support star link and extend the GE Genius Fieldbus transmission distance
- Provide 3 LED status indicators
- DC (18~36V) dual redundant power input (can be customized with 9~18VDC), With DC1500V voltage isolation and reverse connect protection
- IP40 protection, Metal case (wave grain aluminum reinforce case option), 35mmDIN-Rail Installation
- Operating Temperature: -40℃ to 75℃ suitable to various Industrial work situation

### Summary

This product is an industrial grade GE Genius Fieldbus isolator, conforms to GE Genius protocol, the highest communication rate 153.6Kbps, 2 Road bus interface data forwards, the electrical signal isolates and provides the star link to the cable system. This product features with industrial grade design, IP40 protection grade, wavy aluminum strengthening shell, 35mmDIN rail installation, DC (18~36V) wide power input (9~18VDC power model customizable), with relay alarm output, power supply redundancy and isolation protection etc.. -40~75 working temperature range, can meet the requirements of a variety of industrial sites.

### Specification

#### Bus data interface

- GE Genius Fieldbus SER1, SER2 industrial terminal wiring
- Support for GE Genius Fieldbus protocol
- Baud Rates: 38.4Kbps、76.8Kbps、153.6Kbps(default)
- constant voltage 1000V
- Resistor: without terminal resistor, connect external when necessary.

#### Power

- DC (18~36V) dual redundant power input (can be customized with 9~18VDC), industrial standard voltage DC24V, consumption is less than 1.5W, With DC1500V voltage isolation and reverse connect protection, adopt 5 cores 5.08mm industrial terminal port (please use industrial standard power, otherwise it will occur unit error or damage).

#### Protection

- Relay: Fieldbus ports error Relay alarm output
- Contact rating: 1A @24V DC, Industrial Terminal port

#### Mechanical

- Dimensions (HxDxW): 136mmx104.8mmx52.8mm
- Weight:800g
- Casing: IP40 protection, wave grain aluminum reinforce case option
- Installation: Wall mounting or DIN rail mounting

#### Environmental

- Operating Temperature:-40 ℃ ~75 ℃ (-40 ℃ ~85 ℃ optional)
- Storage Temperature: -40℃~85℃
- Ambient Relative Humidity: 5%~95%(non-condensing)

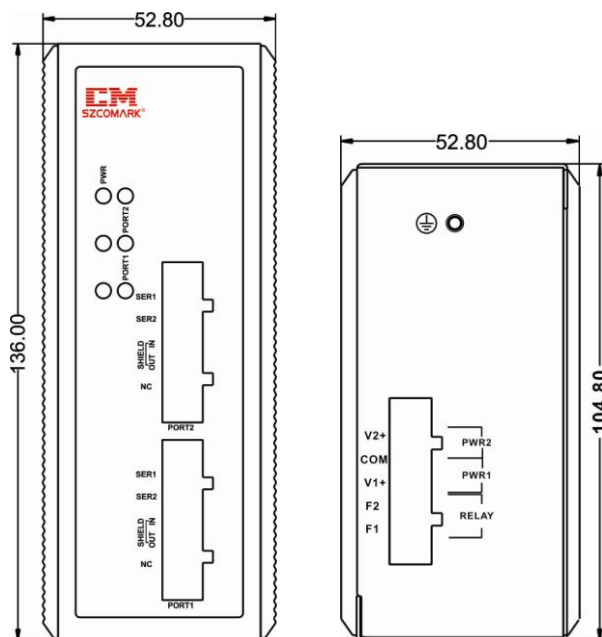
#### Warranty

- Warranty Period: 5 years

### Certification

- IEC61000-4-2(ESD): Power ±6KV Contact, ±15KV Air; Relay ±8KV Contact, ±15KV Air; Data Cable ±2KV Contact, ±15KV Air
- IEC61000-4-4(EFT):Power ±4KV, Data Cable ±4KV
- IEC61000-4-5(Surge):Power ±2KV CM/ ±1KV DM, Relay±2KV CM/ ±1KV DM
- IEC60068-2-27(Shock)
- IEC60068-2-32(Free Fall)
- IEC61000-6-2(General Industrial Standard)
- EN50121-4 (rail transit)

## Dimensions (mm)



## Models

Part No.	Description
Ci-GG200	2 GE Genius bus port, communication rate default to 153.6Kbps, 38.4Kbps and 76.8Kbps optional, 9~18vdc power supply customizable.

## Package List

- GE Genius signal converter (with industrial terminal block for power equipment)
- Product specification
- Product warranty card