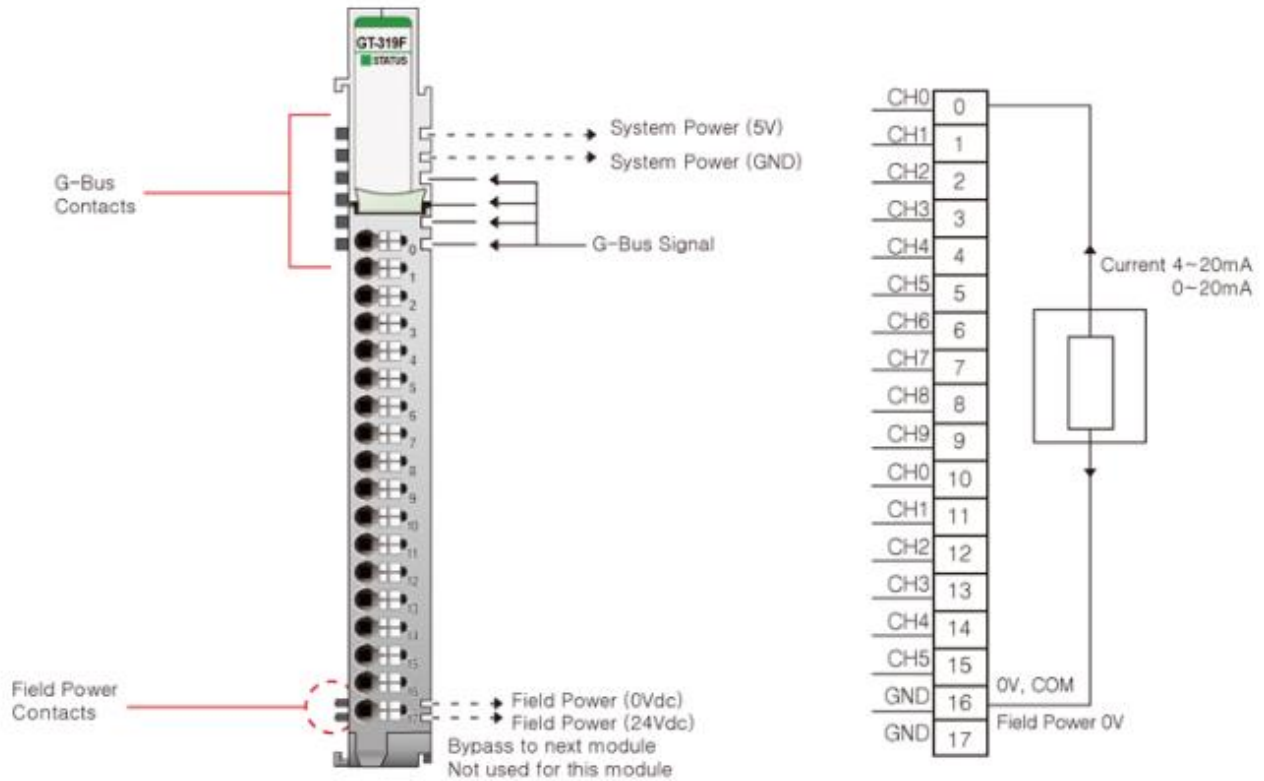


GT-319F

16 Channels 18pt RTB, Current Input) 0~20mA / 4~20mA, 16bit



GT-319F (16 Channels 18pt RTB, Current Input) 0~20mA / 4~20mA, 16bit

| | |
|-----------------------|--|
| Inputs per module: | 16 Channels single ended, non-isolated between channels |
| Indicators: | 1 Green G-Bus status LED |
| Resolution in Ranges: | 16 bit (Include Sign) 15 bits: 0.61uA/Bit(0~20mA), 0.49uA/Bit(4~20mA) |
| Input Range: | 0~20mA, 4~20mA |
| Data Format: | 16bits Integer (2' compliment) |
| Module Error: | ±0.1% Full Scale @ 25°C ambient ±0.3% Full Scale @ -40°C~70°C |
| Input Impedance: | 121.5Ω |
| Conversion Time: | Max. 3.2msec (All channel) (TBD) |
| Field calibration: | Not Required |
| COMMON Type: | 2 Common, Field Power 0V is Common (AGND) |

General Specification

| | |
|--------------------|--|
| Power dissipation: | Max. 30mA @ 5.0Vdc |
| Isolation: | I/O to Logic: Photocoupler Isolation Field power: Not Connected |
| Field Power: | Not used Field power bypass to next expansion module |
| Wiring: | I/O Cable Max. 0.75mm ² (AWG 18) |
| Weight: | 63g |
| Module Size: | 12mm x 109mm x 70mm |

| Pin No. | Signal Description |
|---------|-----------------------------|
| 0 | Input Channel 0 |
| 1 | Input Channel 1 |
| 2 | Input Channel 2 |
| 3 | Input Channel 3 |
| 4 | Input Channel 4 |
| 5 | Input Channel 5 |
| 6 | Input Channel 6 |
| 7 | Input Channel 7 |
| 8 | Input Channel 8 |
| 9 | Input Channel 9 |
| 10 | Input Channel 10 |
| 11 | Input Channel 11 |
| 12 | Input Channel 12 |
| 13 | Input Channel 13 |
| 14 | Input Channel 14 |
| 15 | Input Channel 15 |
| 16 | Input Channel Common (AGND) |
| 17 | Input Channel Common (AGND) |