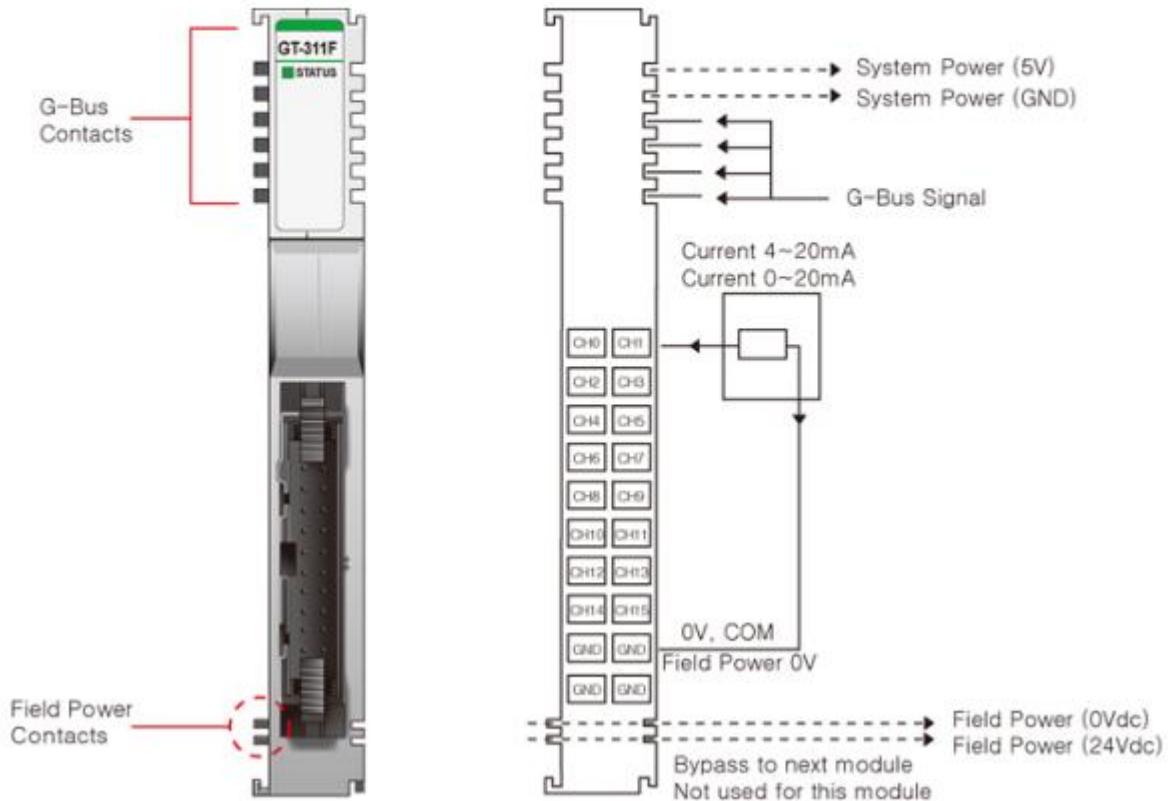


GT-311F

Analog Input 16 Channels, 0~20mA, 12Bits, Hirose



GT-311F Input Specification

Inputs per module:	16 Channels single ended, non-isolated between channels
Indicators:	1 Green G-Bus status
Resolution in Ranges:	12 bits: 4.88uA/Bit(0~20mA), 3.91uA/Bit(4~20mA)
Input Range:	0~20mA, 4~20mA
Data Format:	16bits Integer (2 ¹ compliment)
Module Error:	±0.1% Full Scale @ 25°C ambient ±0.3% Full Scale @ -40°C~70°C
Input Impedance:	121.5Ω
Conversion Time:	All channel < 3.2ms
Field calibration:	Not Required
Common Type:	4 Common, Field Power 0V is Common (AGND)

General Specification

Power dissipation:	Max. 30mA @ 5.0Vdc
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Isolation: I/O to Logic: Isolation
 Field power: Non-Isolation

Field Power: Supply Voltage: 24Vdc nominal
 Voltage Range: 18 ~ 32Vdc
 Power Dissipation: Max. 35mA@24Vdc

Wiring: I/O Cable Max. 2.0mm² (AWG 14)

Weight: 58g

Module Size: 12mm x 99mm x 70mm

Pin No.	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)
18	Input Channel Common (AGND)
19	Input Channel Common (AGND)

