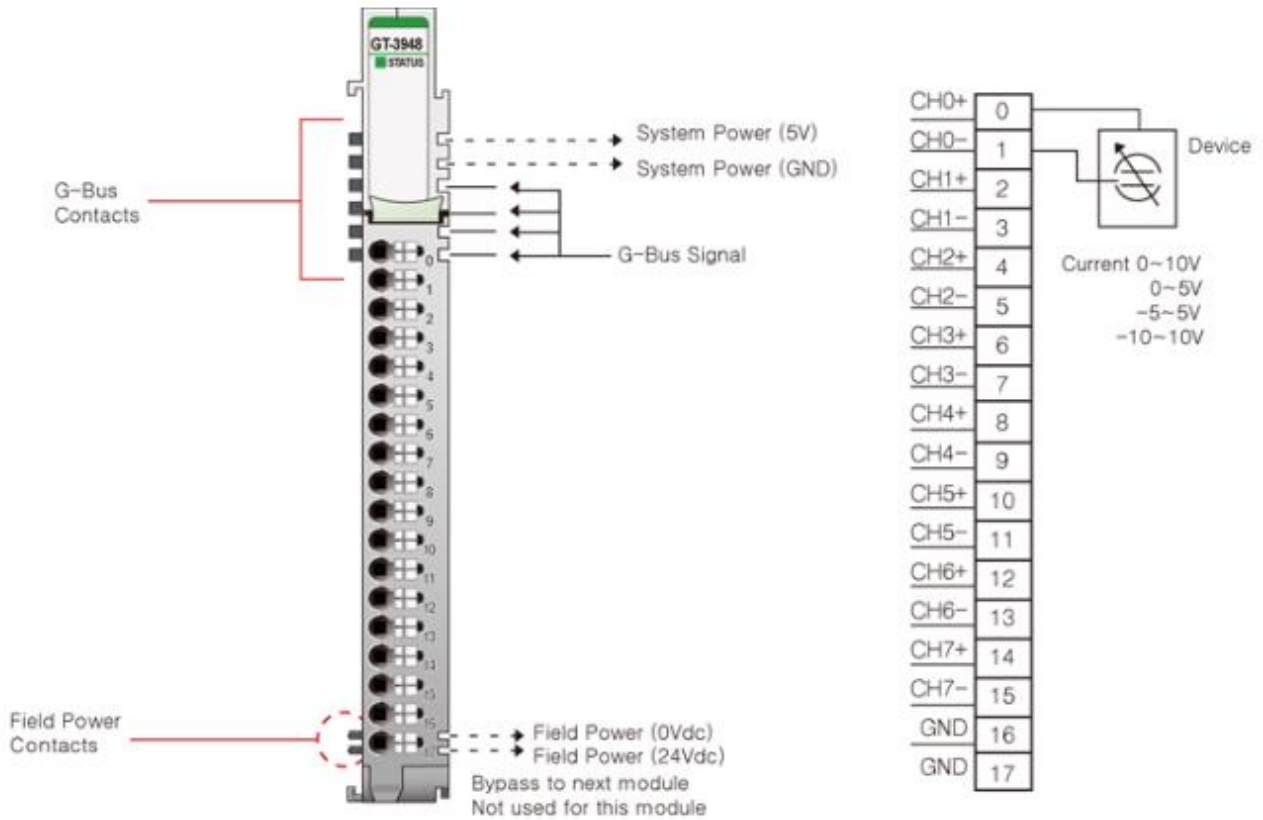


GT-3948

8 Channels, Differential Voltage Input, 0~10V / 0~5V / -10~10V / -5~5V, 16bits



GT-3948 (8 Channels, Differential Voltage Input, 0~10V / 0~5V / -10~10V / -5~5V, 16bits)

Inputs per module:	8 Channels Differential, Non-isolated Between Channels
Indicators:	1 Green G-Bus status LED
Resolution in Ranges:	16 bit (Include Sign) 15 bits: 0.31mV/Bit(0~10V) 15 bits: 0.15mV/Bit(0~5V) 16 bits: 0.31mV/Bit(-10~10V) 16 bits: 0.15mV/Bit(-5~5V)
Input Range:	0~10Vdc, 0~5Vdc, -10~10Vdc, -5~5Vdc
Data Format:	16bits Integer (2' compliment)
Module Error:	±0.1% Full Scale @ 25°C ±0.3% Full Scale @ -40°C, 60°C
Input Impedance:	667kΩ

Conversion Time: Max. 2.2msec (All channel)
Calibration: Not Required
Common Type: 2 Common, Field Power 0V is Common (AGND)

General Specification

Power dissipation: Max. 200mA @ 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. 1.0mm²(AWG 18)
Weight: 63g
Module Size: 12mm x 109mm x 70mm

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