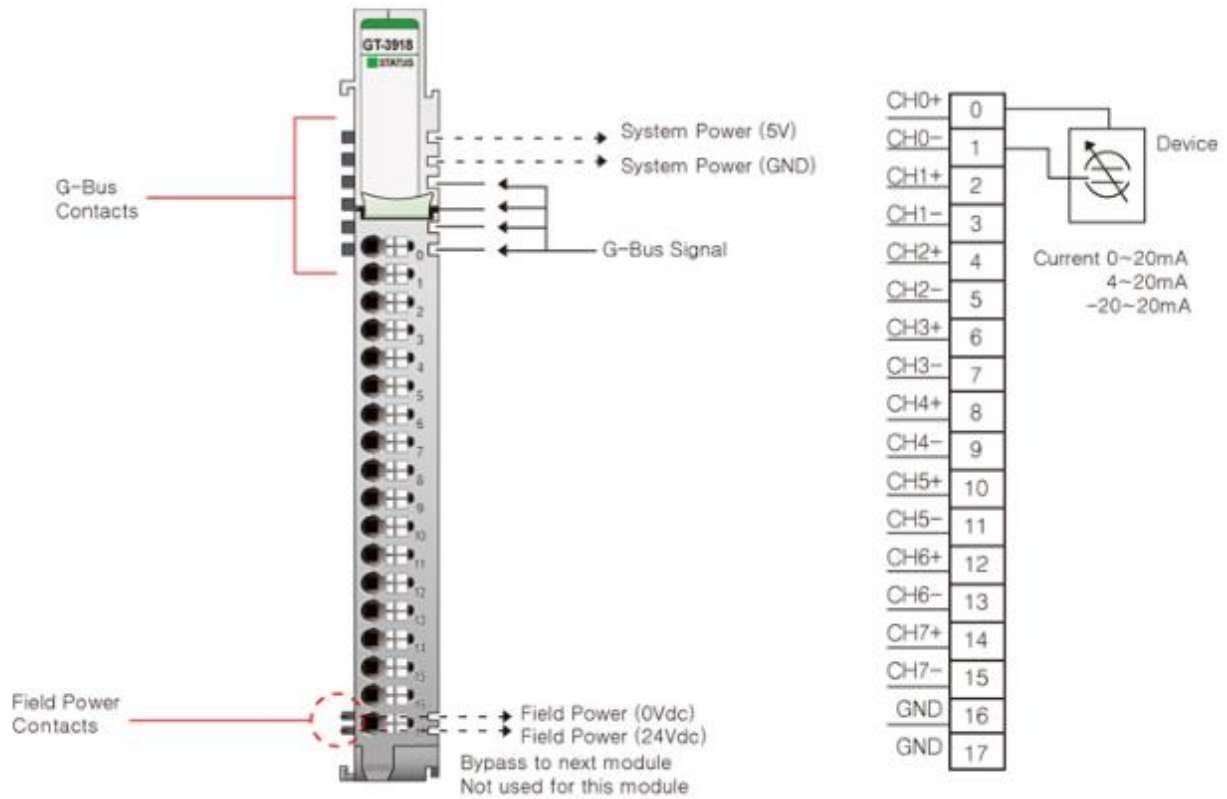


GT-3918

8 Channels 18pt RTB, Differential Current Input, 0~20mA / 4~20mA / -20~20mA, 12bits



GT-3918 (8 Channels, Differential Current Input, 0~20mA / 4~20mA / -20~20mA, 12bits)

Inputs Per Module:	8 Channels Differential, Non-isolated Between Channels
Indicators:	1 Green G-Bus status LED
Resolution in Ranges:	12 bits: 4.88uA/bit(0~20mA) 12 bits: 3.91uA/bit(4~20mA) 12 bits: 9.77uA/bit(-20~20mA)
Input Range:	0~20mA, 4~20mA, -20~20mA
Data Format:	16bits Integer (2 ¹ compliment)
Module Error:	±0.1% Full Scale @ 25°C ±0.3% Full Scale @ -40°C, 60°C
Input Impedance:	121.5Ω
Conversion Time:	Max. 2.4msec (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. 2.0mm ² (AWG 14)
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)