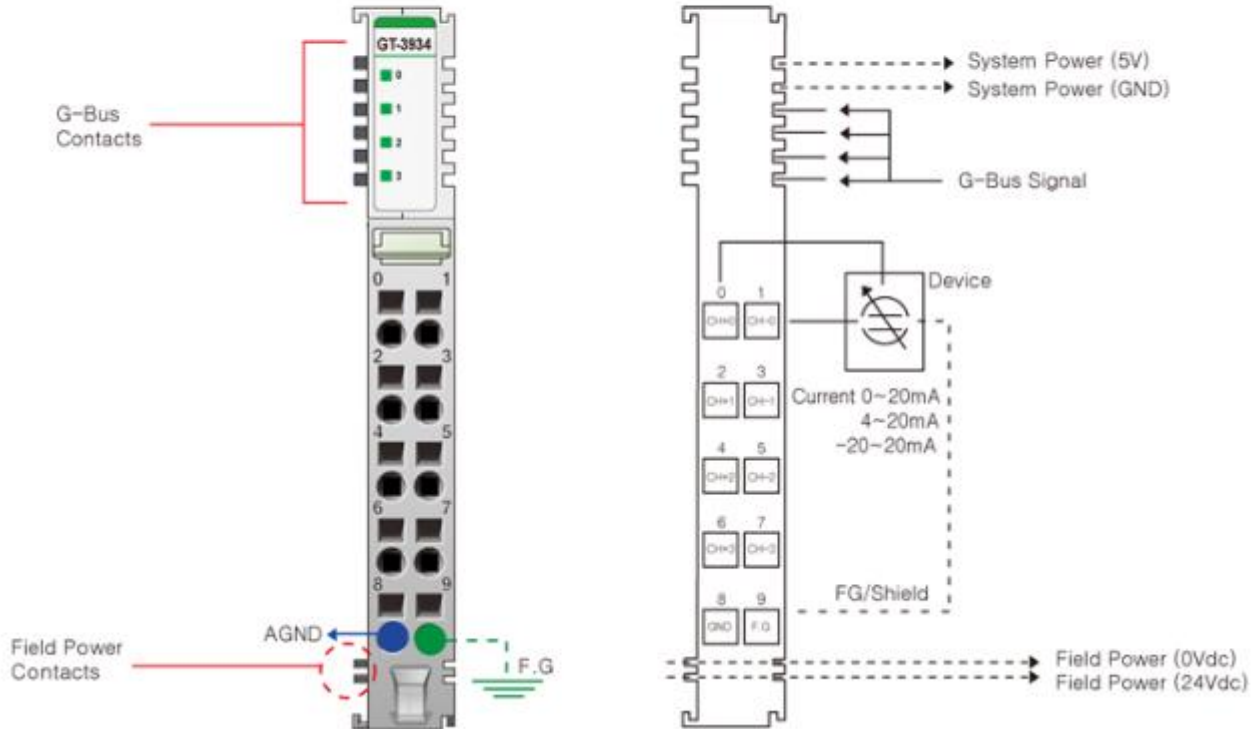


## GT-3934

4 Channels, Differential Current Input, 0~20mA / 4~20mA / -20~20mA, 16bits



### GT-3934 (4 Channels, Differential Current Input, 0~20mA / 4~20mA / -20~20mA, 16bits)

Inputs per module:	4 Channels Differential, Non-isolated Between Channels
Indicators:	4 Green Input Status LEDs
Resolution in Ranges:	16bit (Include Sign) 15 bits: 0.61uA/Bit(0~20mA) 15 bits: 0.49uA/Bit(4~20mA) 15bit (Include Sign) 15 bits: 1.22uA/Bit(-20~20mA)
Input Range:	0~20mA, 4~20mA, -20~20mA
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

Diagnostic: Field Power Off : LED Blinking  
 Field Power On: LED Off < 0.5% (Maximum Input Value)  
 Field Power On: LED On > 0.5% (Maximum Input Value)  
 Minimum Range Over: LED Off < 3mA (4~20mA)  
 Maximum Range Over: LED Off > 21mA(-20~20mA)  
 Minimum Range Over: LED Off < -21mA (-20~20mA)

Conversion Time: 1msec / All channel

Field calibration: Not Required

COMMON Type: 1 Common, Field Power 0V is Common (AGND)

**General Specification**

Power dissipation: Max. 30mA @ 5.0Vdc

Isolation: I/O to Logic: Isolation  
 Field power: Non-Isolation

Field Power: Supply Voltage: 24Vdc nominal  
 Voltage Range:  
 70°C: 18 ~ 26.4Vdc  
 50°C: 18 ~ 32Vdc  
 Power Dissipation: Max. 40mA@24Vdc

Wiring: I/O Cable Max. 2.0mm<sup>2</sup>(AWG 14)

Weight: 58g

Module Size: 12mm x 99mm x 70mm

Pin No.	Signal Description	Signal Description	Pin No.
0	Input Channel 0(+)	Input Channel 0(-)	1
2	Input Channel 1(+)	Input Channel 1(-)	3
4	Input Channel 2(+)	Input Channel 2(-)	5
6	Input Channel 3(+)	Input Channel 3(-)	7
8	Input Channel Common (AGND)	Field Ground	9

