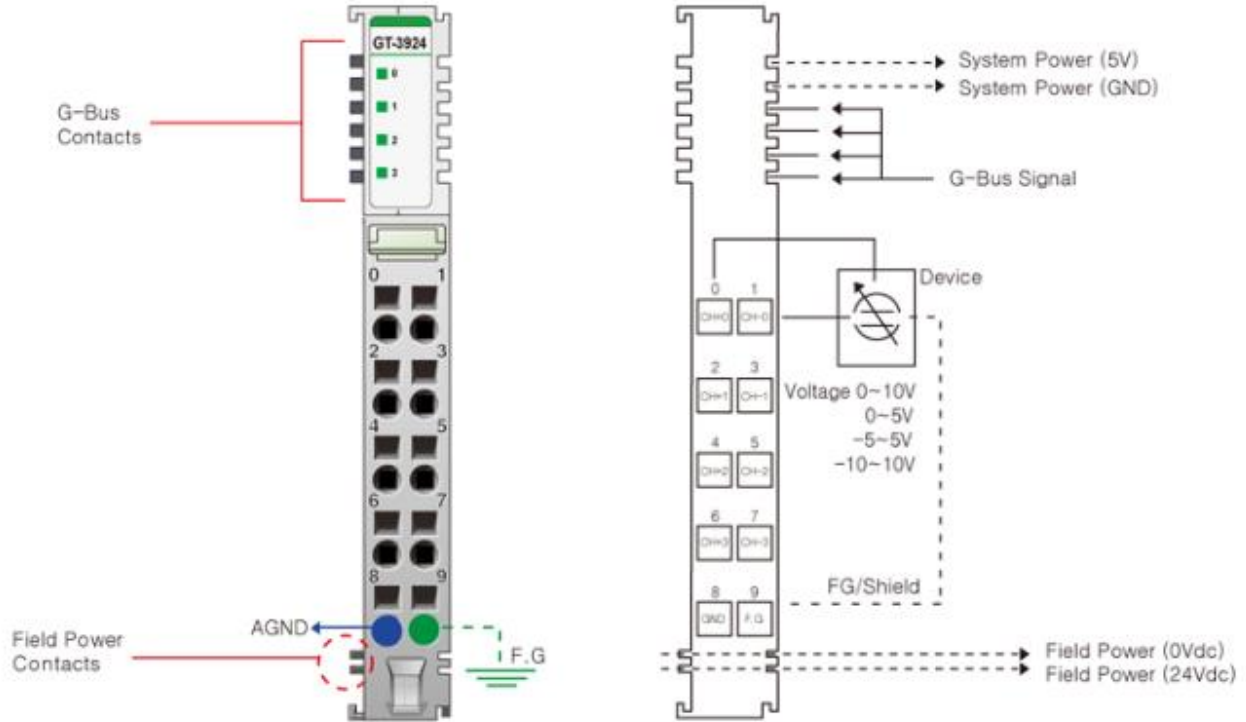


## GT-3924

Analog Input, 4 Channels, Differential Type, "0~10VDC", "0~5VDC", or "-10~+10VDC", 12 Bits, 10 RTB



### GT-3924 Input Specification

Inputs per module:	4 Channels Differential, Non-isolated Between Channels
Indicators:	4 Green Input Status LEDs
Resolution in Ranges:	12 bits: 2.44mV/Bit(0~10V) 12 bits: 1.22mV/Bit(0~5V) 12 bits: 4.88mV/Bit(-10~10V) 12 bits: 2.44mV/Bit(-5~5V)
Input Range:	0~10V, 0~5V, -10~10V, -5~5V
Data Format:	16bits Integer (2 <sup>1</sup> compliment)
Module Error:	±0.1% Full Scale @ 25°C ±0.3% Full Scale @ -40°C, 70°C
Input Impedance:	667kΩ
Conversion Time:	1msec / 4 channels

Diagnostic: 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)

Calibration: Not Required

Common Type: 4 Channels / 1 Common

**General specification**

Power dissipation: Max. 100mA @ 5Vdc

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

Field Power: Supply Voltage: 24Vdc nominal

Voltage Range: 18 ~ 32Vdc

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

Weight: 58g

Module Size: 12mm x 99mm x 70mm

Pin No.	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 Common (AGND)
9	Field Ground