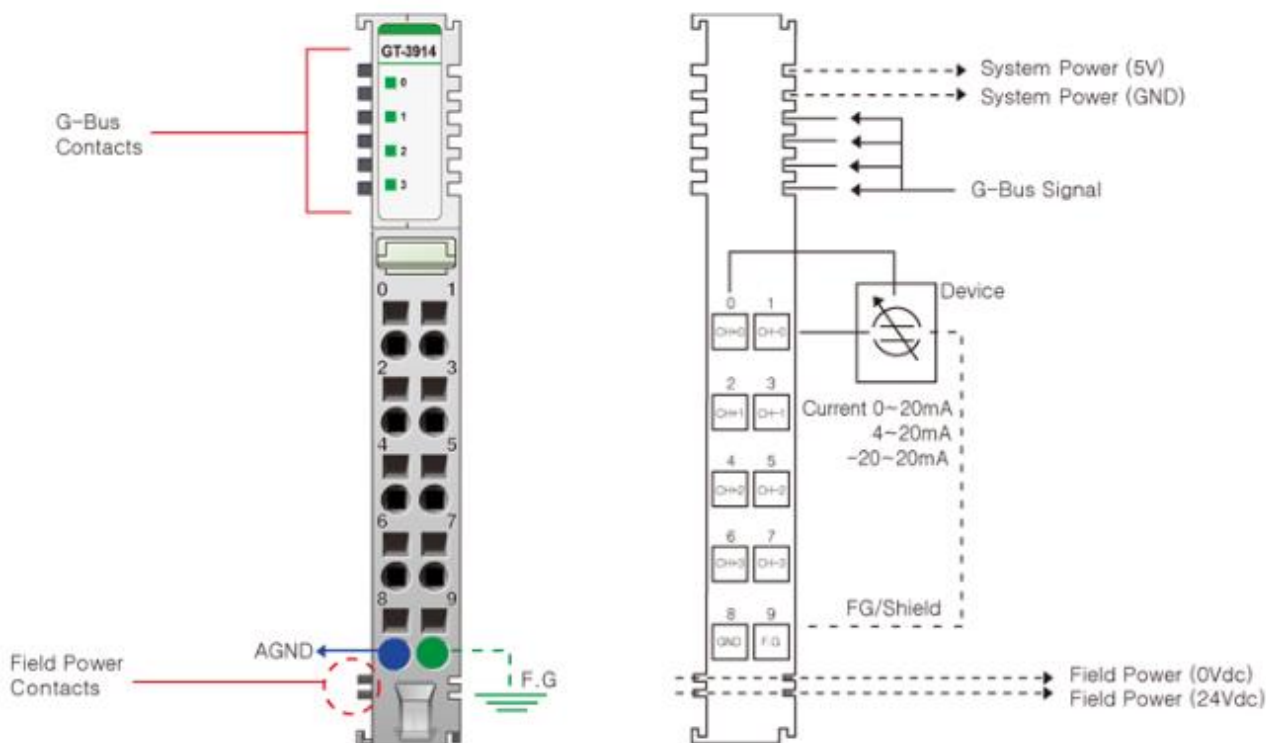


GT-3914

Analog Input, 4 Channels, Differential Type, 0~20mA, 12 Bits, 10 RTB



GT-3914 Input Specification

Inputs per module:	4 Channels Differential, Non-isolated Between Channels
Indicators:	4 Green Input Status LEDs
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' compliment)
Module Error:	±0.1% Full Scale @ 25°C ±0.3% Full Scale @ -40°C, 70°C
Input Impedance:	121.5Ω
Conversion Time:	1msec / 4 channels

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)
	Maximum Range Over: LED Off > 21mA
	Minimum Range Over: LED Off < 3mA (4~20mA)
	Minimum Range Over: LED Off < -21mA (-20~20mA)

Calibration:	Not Required
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Common Type:	4 Channels / 1 Common
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General specification

Power dissipation:	Max. 95mA @ 5Vdc
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Isolation:	I/O to Logic: Photocoupler Isolation
	Field power: DC/DC Converter Isolation

Field Power:	Supply Voltage: 24Vdc nominal
	Voltage Range: 18 ~ 32Vdc

Wiring:	I/O Cable Max. 2.0mm ² (AWG 14)
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Weight:	58g
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Module Size:	12mm x 99mm x 70mm
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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

