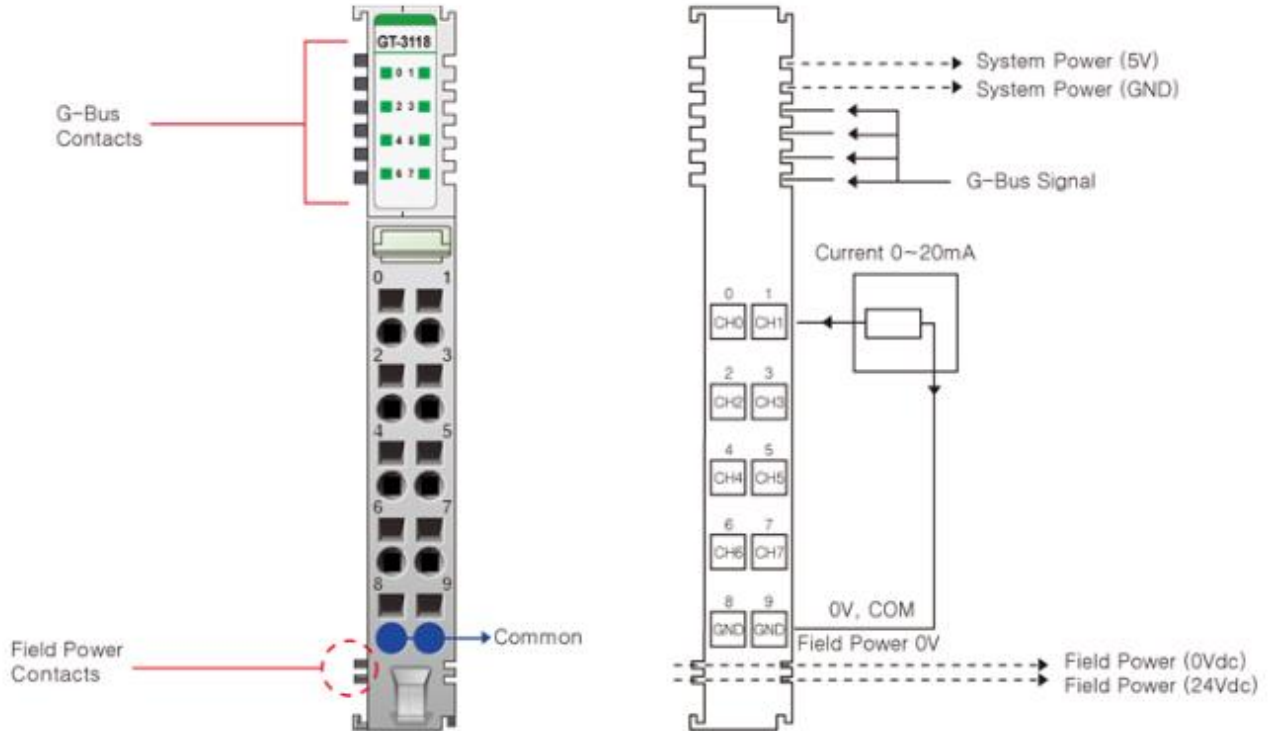


GT-3118

Analog Input, Current(single ended),8 Channels, 0~20mA or 4~20mA, 12 Bits, 10 RTB



GT-3118 Input Specification

Inputs per module:	8 Channels single ended, non-isolated between channels
Indicators (Logic side):	8 Green Input status
Resolution in Ranges:	12 bits: 4.88uA/Bit(0~20mA), 3.91uA/Bit(4~20mA)
Input Range:	0~20mA, 4~20mA
Data Format:	16bits Integer (2 ¹ compliment)
Module Error:	±0.1% Full Scale @ 25°C ambient ±0.3% Full Scale @ -40°C, 70°C
Input Impedance:	121.5Ω
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) Maximum Range Over: LED Off > 21mA Minimum Range Over: LED Off < 3mA (4 ~ 20mA)

Conversion Time: $\leq 1\text{msec}$ / All channel ($\leq 0.125\text{ms}$ per channel)
Field calibration: Not Required
Common Type: 2 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: 18 ~ 32Vdc
Power Dissipation: Max. 30mA@24Vdc
Wiring: I/O Cable Max. 2.0mm²(AWG 14)
Weight: 58g
Module Size: 12mm x 99mm x 70mm

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

