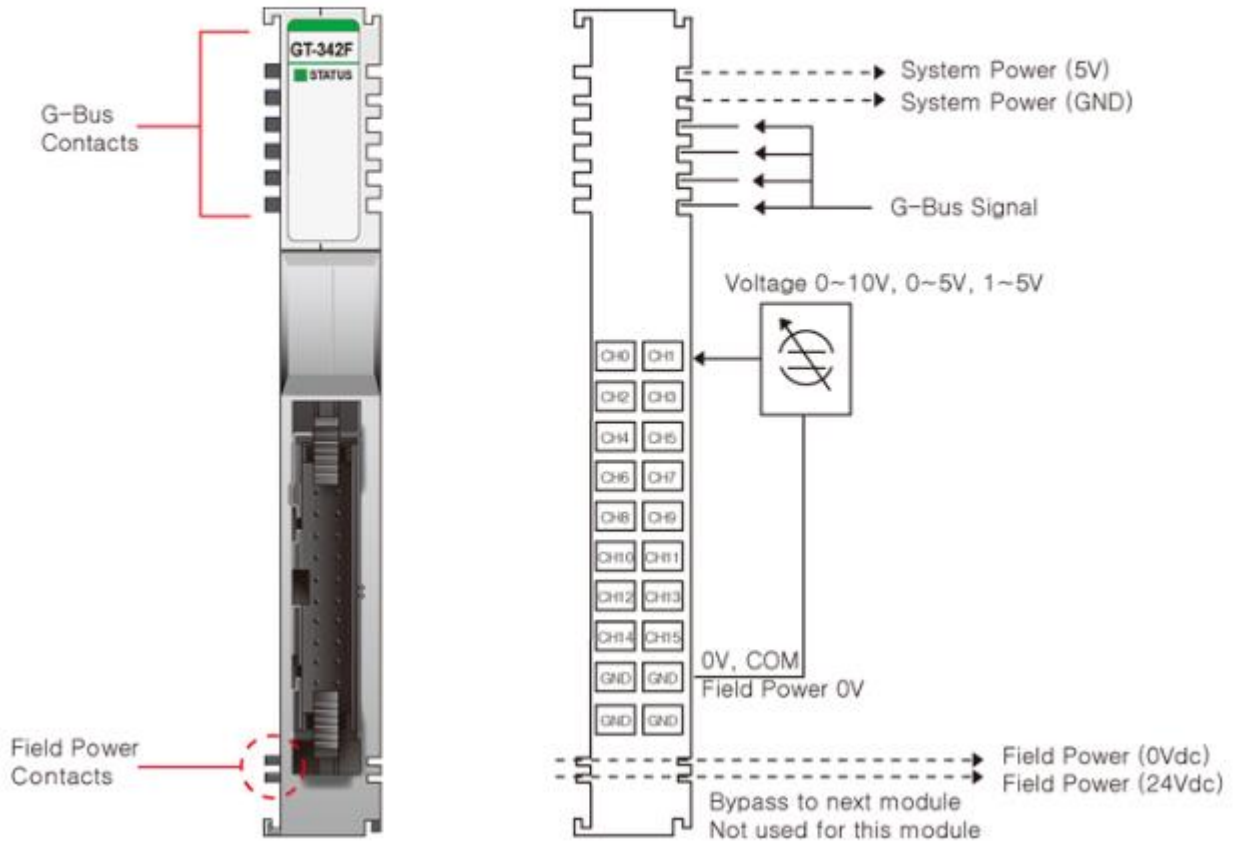


GT-342F

16ch Voltage Input



GT-342F Input Specification

Inputs per module:	16 Channels single ended, non-isolated between channels
Indicators (Logic side):	1 Green G-Bus status
Resolution in Ranges:	12 bits: 2.44mV/Bit(0~10V), 1.22mV/Bit(0~5V), 0.98mV/Bit(1~5V)
Input Current Range:	0~10Vdc, 0~5Vdc, 1~5Vdc
Data Format:	16bits Integer (2's complement)
Module Error:	±0.1% Full Scale @ 25°C ambient ±0.3% Full Scale @ -40°C~70°C
Input Impedance:	500kΩ
Diagnostic:	Diagnostic Field Power Off: LED Blinking
Conversion Time:	All channel < 1.3ms
Field calibration:	Not Required
Common Type:	4 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. 35mA@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 8
9	Input Channel 9
10	Input Channel 10
11	Input Channel 11
12	Input Channel 12
13	Input Channel 13
14	Input Channel 14
15	Input Channel 15
16	Input Channel Common (AGND)
17	Input Channel Common (AGND)
18	Input Channel Common (AGND)
19	Input Channel Common (AGND)

