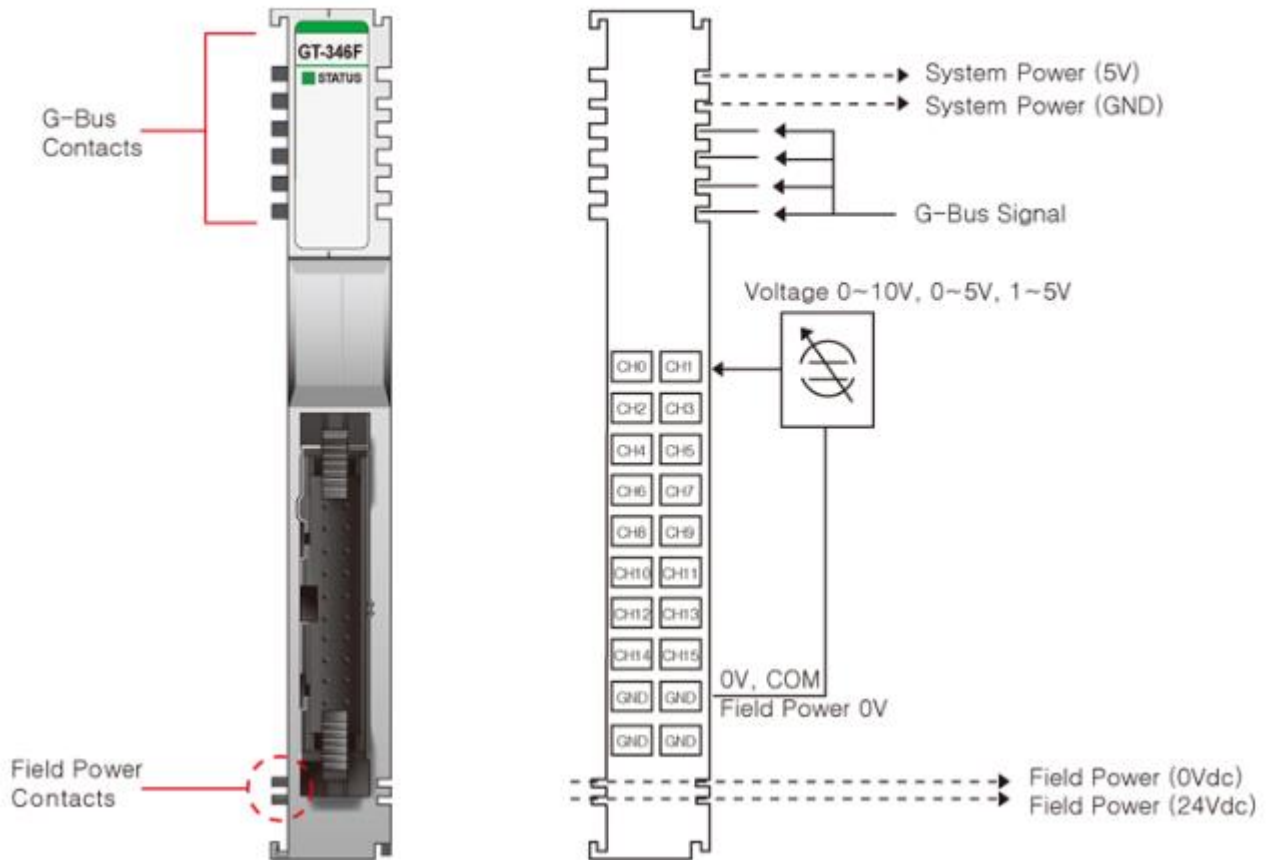


GT-346F

16 Channels, Voltage Input, 0~10Vdc / 0~5Vdc / 1~5Vdc, 16bit



GT-346F (16 Channels, Voltage Input, 0~10Vdc / 0~5Vdc / 1~5Vdc, 16bit)

Inputs per module:	16 Channels single ended, non-isolated between channels
Indicators (Logic side):	1 Green G-Bus status
Resolution in Ranges:	16 bit (Include Sign) 15 bits: 0.31mV/bit(0~10V), 0.15mV/bit(0~5V), 0.12mV/bit(1~5Vdc)
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~60°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. 30mA@24Vdc
 Wiring: I/O Cable Max. 2.0mm2(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 1	1
2	Input Channel 2	Input Channel 3	3
4	Input Channel 4	Input Channel 5	5
6	Input Channel 6	Input Channel 7	7
8	Input Channel 8	Input Channel 9	9
10	Input Channel 10	Input Channel 11	11
12	Input Channel 12	Input Channel 13	13
14	Input Channel 14	Input Channel 15	15
16	Input Channel Common (AGND)	Input Channel Common (AGND)	17
18	Input Channel Common (AGND)	Input Channel Common (AGND)	19

