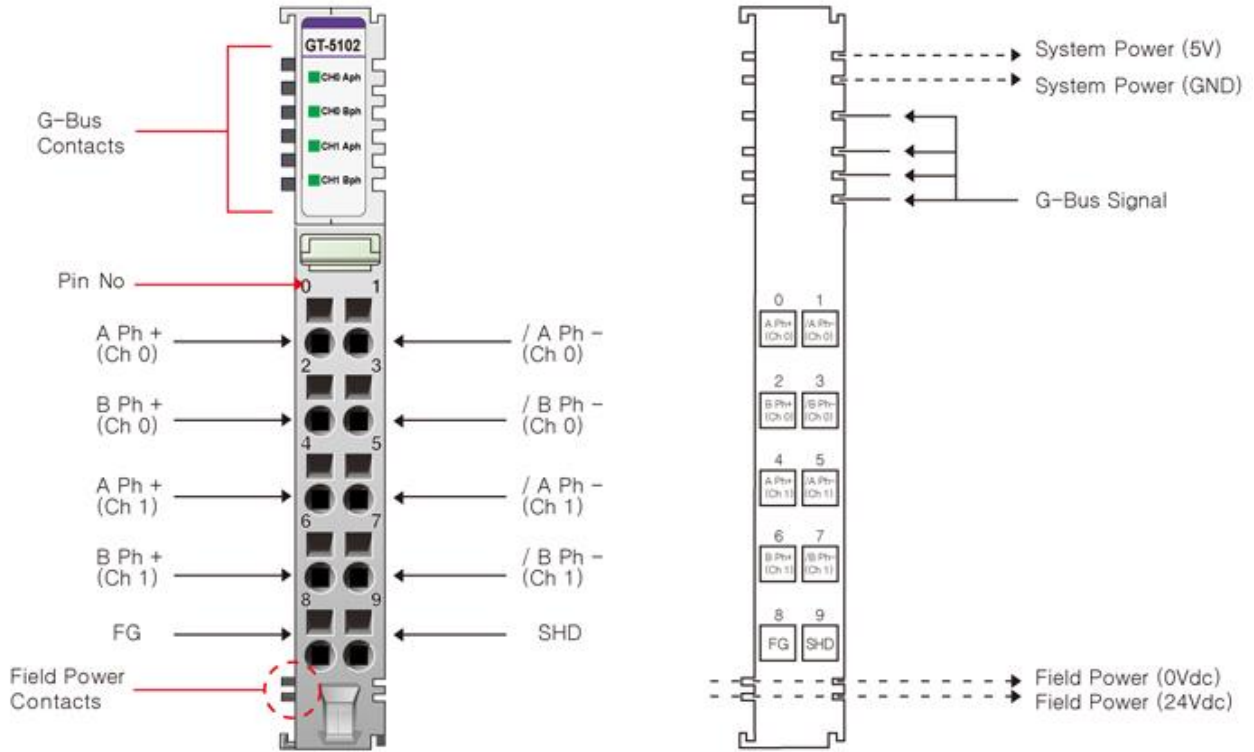


## GT-5102

2Ch, High Speed Counter, 5Vdc Encoder Input



### GT-5102 (2 CHANNELS HSC / 5VDC ENCODER)

Number of Channel	2 Channel
	- Encoder, High Speed Counter, Frequency measurement Pulse width & Period measurement
Indicators	4 Green Terminal Input LEDs
Input Voltage	5Vdc (Max)
Input Current	13mA@5.2Vdc
Min On-State Volt	≥2.1Vdc
Max Off-State Volt	≤2.0Vdc
Input Frequency	0~600KHz Encoder Mode 0~1MHz Counting Mode

Counting Mode	1-Input Mode: Up, Down 2-Input Mode: Encoder 4x, Up/Inhibit, Up/Reset, Down/Inhibit down/Reset, UP/Down, Clock/Direction, Frequency Measurement, Pulse Width & Period measurement
Counter Size	32bit-wide/Channel

**General Specification**

Power dissipation	70mA maximum @ 5.0Vdc
Isolation	I/O to Logic: Photocoupler isolation I/O to Field Power: Non-Isolation
Field Power (Bypass)	Supply voltage: 24Vdc nominal Voltage range: 18~32Vdc
Wiring	I/O Cable Max. 2.0mm <sup>2</sup> (AWG 14)
Weight	60g
Module Size	12mm x 90.5mm x 65mm

Pin No.	Signal Description	Signal Description	Pin No.
0	Aph Input+ Ch# 0	/Aph Input - Ch# 0	1
2	Bph Input+ Ch# 0	/Bph Input - Ch# 0	3
4	Aph Input+ Ch# 1	/Aph Input - Ch# 1	5
6	Bph Input+ Ch# 1	/Bph Input - Ch# 1	7
8	Shield	Shield	9