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Command & Feedback

x Command() Feedback()

Intro

- Command() Feedback() 가 Command , Feedback
- Command , Feedback Feedback

COMMAND (CW & CCW)

Info

- Command
- , OUT/DIR Command CW CCW CW/CCW
- DC/AC
- OUT/DIR CW CCW (Low/High)
- CW/CCW CW CCW 가 LOW HIGH ,
- 0 3 OUT/DIR 4 , 5 CW/CCW
- (Command Pulse) CW/CCW OUT/DIR Command 가

Command

- 가 , **Application I/O Setup** cmmCfgSetOutMode()

6가

Pulse & Direction Mode

| Value | 출력 형태 | | | |
|-------|------------|---------|-------------|---------|
| | (+ 방향 운전 시 | | (-) 방향 운전 시 | |
| | CW pin | CCW pin | CW pin | CCW pin |
| 0 | | (Low) | | (High) |
| 1 | | (Low) | | (High) |
| 2 | | (High) | | (Low) |
| 3 | | (High) | | (Low) |

CW & CCW Mode

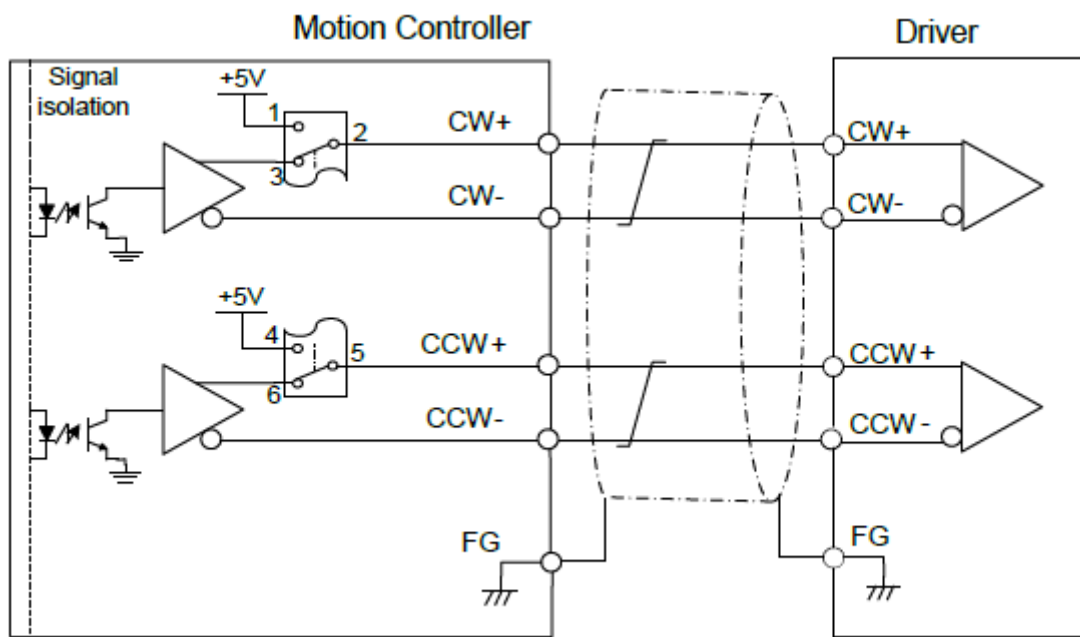
| Value | 출력 형태 | | | |
|-------|------------|---------|-------------|---------|
| | (+ 방향 운전 시 | | (-) 방향 운전 시 | |
| | CW pin | CCW pin | CW pin | CCW pin |
| 4 | | (Low) | (Low) | |
| 5 | | (High) | (High) | |

Command

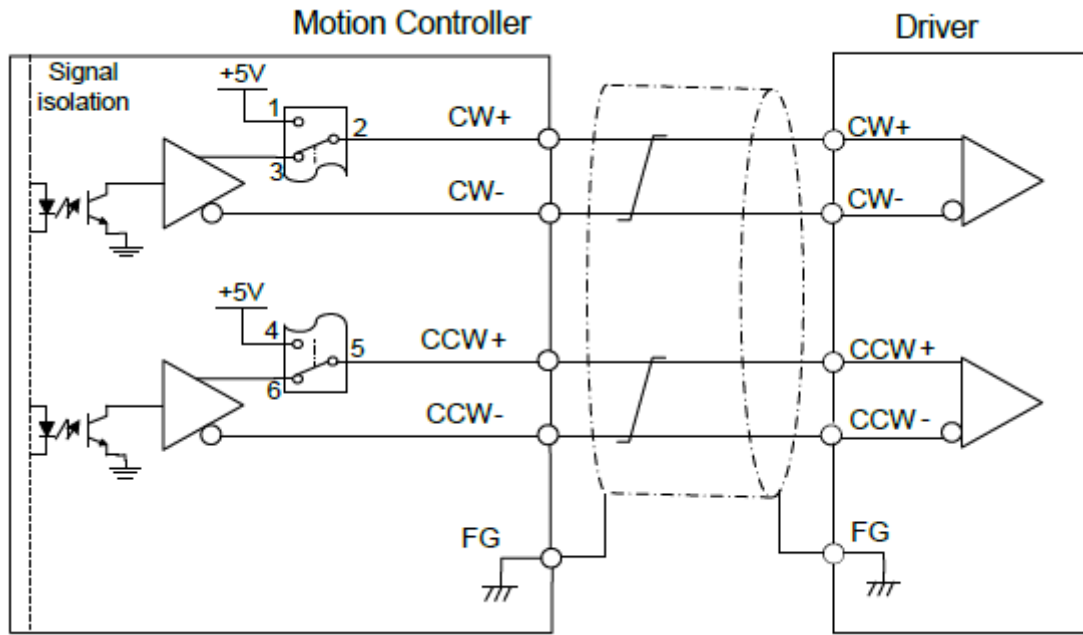
- CW (Collector) CCW 가 (Line Drive) (Open
- 가 ,

Line Drive

- Line Drive (AMP)
- CW/CCW Line Drive - to line receiver

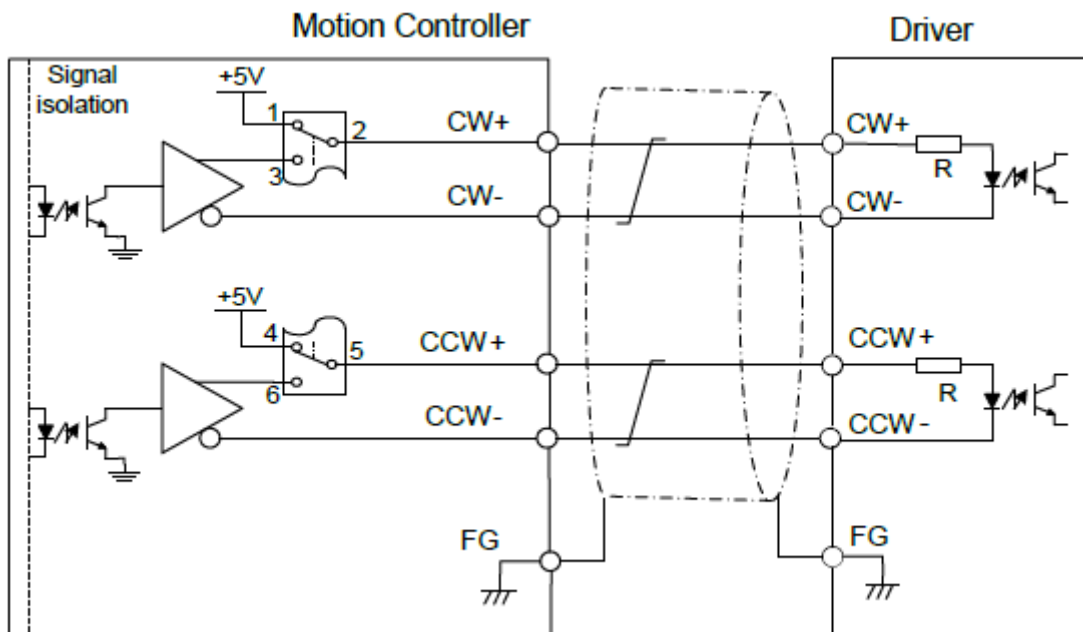


- CW/CCW Line Drive - to photo coupler



Open Collector

- Open Collector (AMP)
 , Shielded Twisted pair type
- driver R open collector



Feedback (EA, EB, EZ)

Info

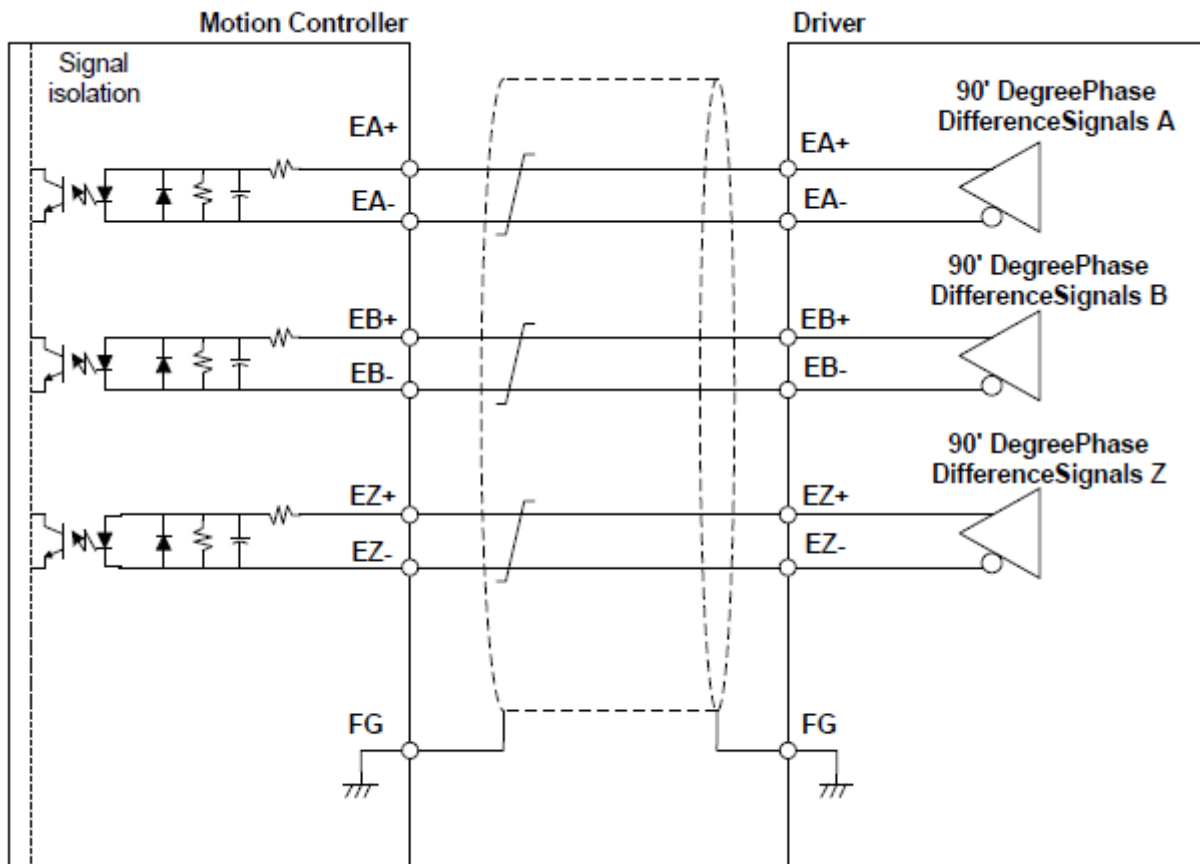
- Feedback
- A B 가 UP/DOWN 가 90
- 1 1 Z
- Feedback
- Feedback

| Value | 출력 형태 | |
|-------|-------------|-------------|
| | (+) 방향 운전 시 | (-) 방향 운전 시 |
| 8 | | |
| 9 | | |

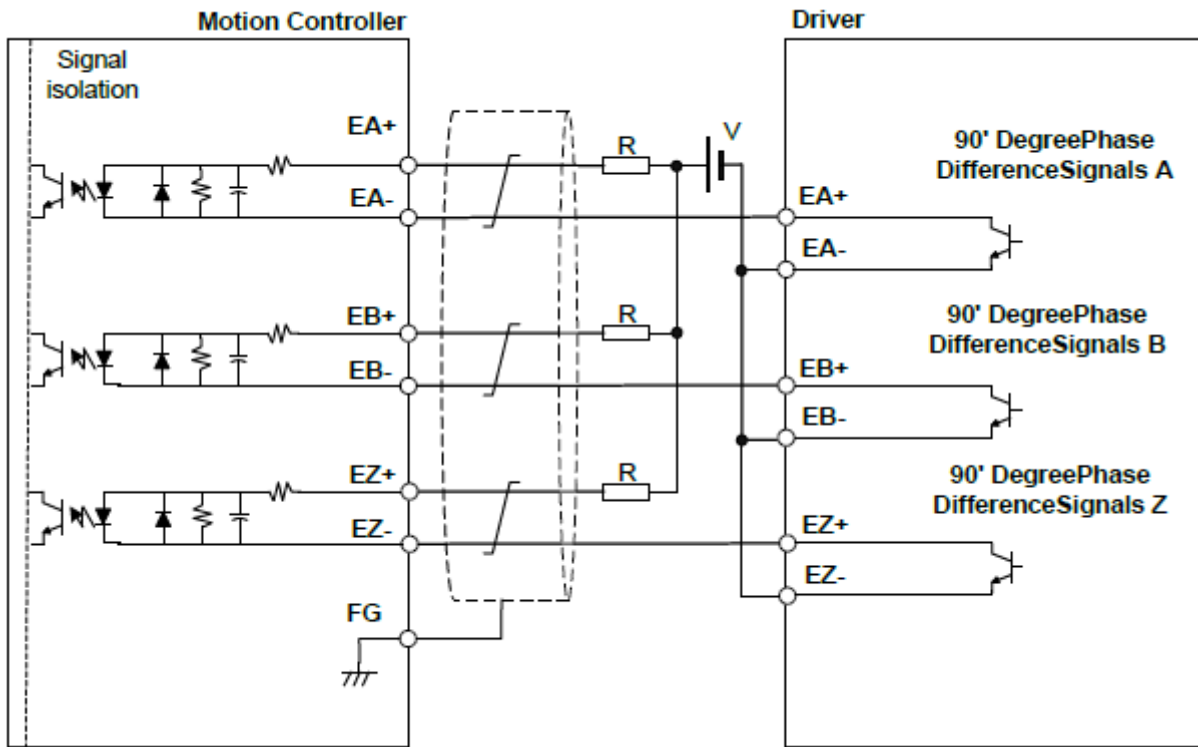
Encoder

- EA, EB, EZ 가
- EA, EB, EZ Phase-A, Phase-B, Index(Zero)-Pulse
- Z 가 RPM
- Line Drive , Shielded Twisted pair type

- Encoder - Line Drive



- Encoder - Open Collector



1)

| 외부 전원 | 외부 저항 R |
|-------|-------------|
| +5V | 1/4W, 100Ω |
| +12V | 1/4W, 1KΩ |
| +24V | 1/2W, 2.2KΩ |

1)

IF = 10mA max

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