

## CWDS860H Electrical Specifications

| Control Signal connector |                                                          |
|--------------------------|----------------------------------------------------------|
| Name                     | Description                                              |
| PUL+                     | Pulse signal positive                                    |
| PUL-                     | Pulse signal negative                                    |
| DIR+                     | Direction signal positive                                |
| DIR-                     | Direction signal negative                                |
| ENA+                     | Enable signal positive, usually left unconnected(enable) |
| ENA-                     | Enable signal negative, usually left unconnected(enable) |

| Stator Signal Connector |                                                    |
|-------------------------|----------------------------------------------------|
| Name                    | Description                                        |
| Pend+                   | Alarm Signal: OC output, Normally closed, positive |
| Pend-                   | Alarm Signal: OC output, Normally closed, negative |
| ALM+                    | Alarm Signal: OC output, Normally open, positive   |
| ALM-                    | Alarm Signal: OC output, Normally open, negative   |

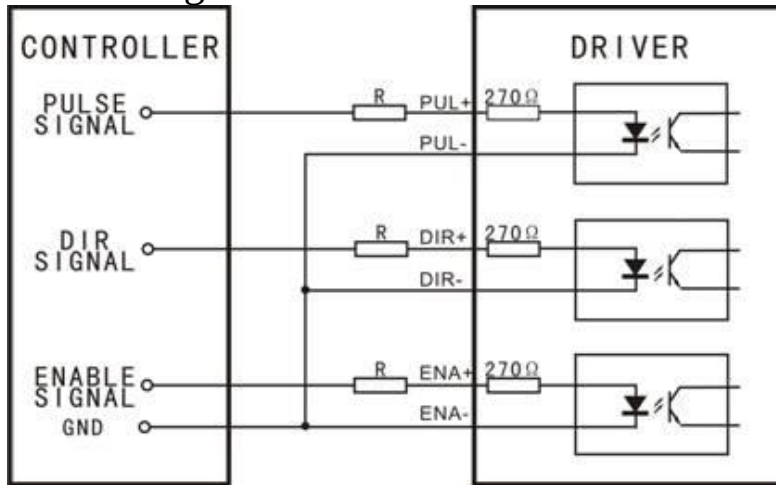
### Encoder Extension Cable Pin Out

| Name | Color  |
|------|--------|
| EGND | White  |
| VCC  | Red    |
| EA-  | Blue   |
| EA+  | Black  |
| EB-  | Green  |
| EB+  | Yellow |

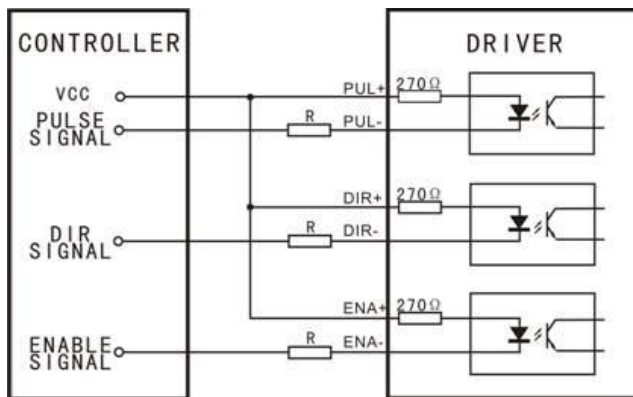
### Power and Motor Connector

| Name | Description             |
|------|-------------------------|
| A+   | Motor Phase A+(Blue)    |
| A-   | Motor Phase A- (Yellow) |
| B+   | Motor Phase B+ (Black)  |
| B-   | Motor Phase B- (Red)    |
| AC   | Power Supply Input      |
| AC   | 20~90VAC or 24~110VDC   |

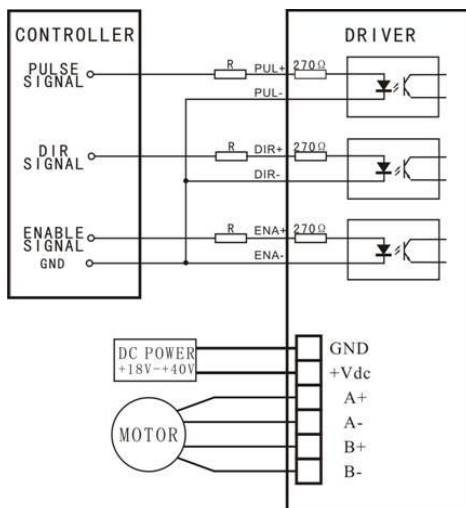
## Control Signal Connector Interface



## Common-Cathode



## Common-Anode



Typical Connection

|     |               |
|-----|---------------|
| VCC | R             |
| 5V  | 0             |
| 12V | 680 $\Omega$  |
| 24V | 1.8K $\Omega$ |