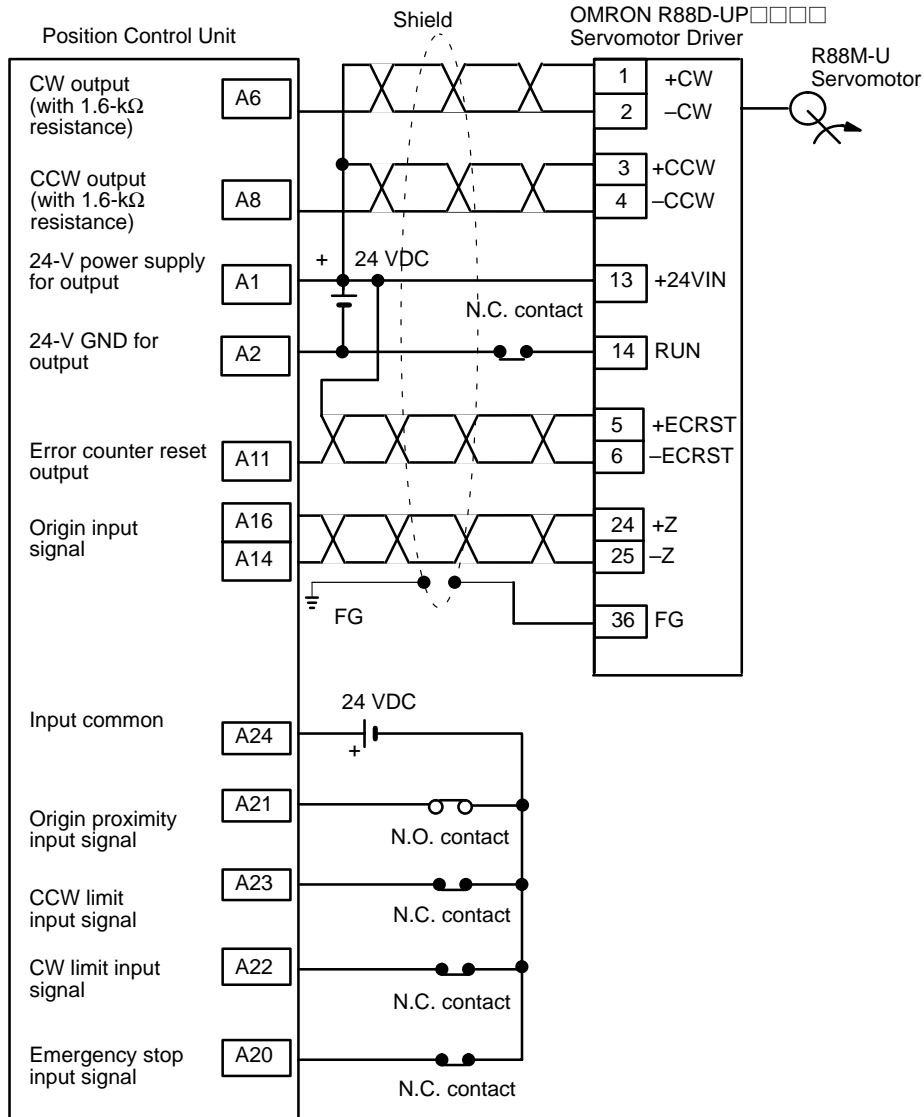


Example 2: Mode 1 Connection

In this example, a servomotor driver is employed and the Z-phase of the encoder is connected to the origin line driver input terminal and used as the origin input signal. An OMRON U-Series Servomotor Driver is used.



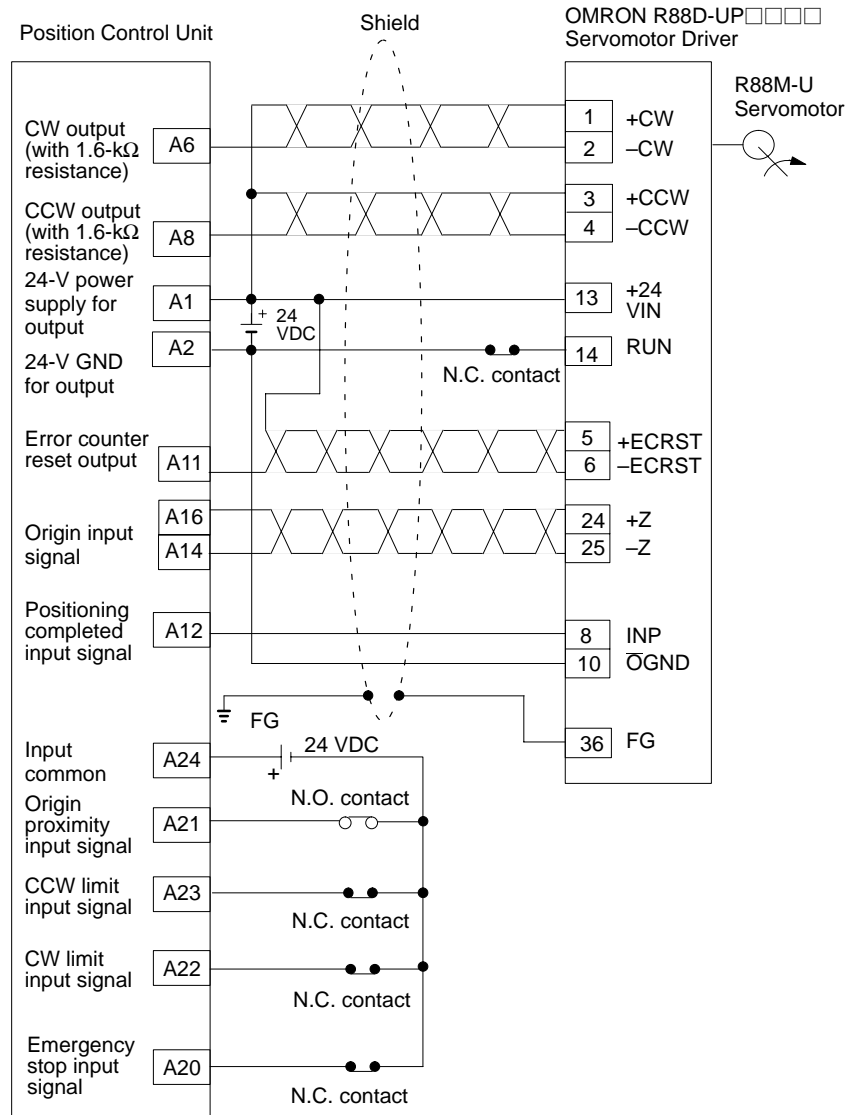
Example 3: Mode 2 Connection

In this example, as in example 2, a servomotor driver is employed and the Z-phase of the encoder is connected to the origin line driver input terminal and used as the origin input signal. An OMRON U-Series Servomotor Driver is used.

In contrast to mode 1, the positioning completed signal (INP) of the servomotor driver serves as both the origin search completed and the positioning completed signals.

Set the servomotor driver so that the positioning completed signal turns OFF during motor operation and ON while the motor is stopped.

An origin search operation cannot be completed if the positioning completed input signal from the servomotor driver is not properly connected or set.



Example 4: Mode 3 Connection

This is an example using the origin adjustment function of OMRON's Servomotor Driver. The positioning completed signal (INP) is used as both the origin search completion and the positioning completed signal.

Be sure to adjust the settings of the servomotor driver so that the positioning completed signal is OFF when the motor is operating and ON when it is stopped.

