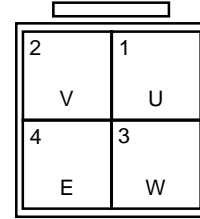


### Specification of Connector Plug on Motor

#### **Motor**

Plug 172167-1 (AMP)  
 Pin 170360-1  
 Female Plug 172159-1 (AMP)  
 Female Pin 170362-1 or 170366-1

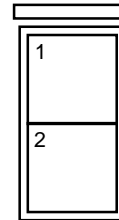
Pin	Wire Color	Signal
1	Red	U
2	White	V
3	Black	W
4	Green/Yellow	E



#### **Brake**

Plug 172165-1 (AMP)  
 Pin 170360-1  
 Female Plug 172157-1 (AMP)  
 Female Pin 170362-1 or 170366-1

Pin	Wire Color	Signal
1	Yellow	Brake
2	Yellow	Brake

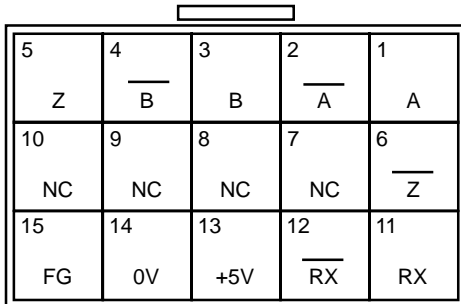


### **Encoder - 2500p/r Incremental**

Plug 172171-1 (AMP)  
 Pin 170359-1  
 Female Plug 172163-1 (AMP)  
 Female Pin 170361-1 or 170365-1

Pin	Wire Color	Signal
1	Red	A
2	Pink	$\overline{A}$
3	Yellow - Green	B
4	Blue	$\overline{B}$
5	Yellow	Z
6	Orange	$\overline{Z}$
7	-	No connection
8	-	No connection

Pin	Wire Color	Signal
9	-	No connection
10	-	No connection
11	Sky Blue	Rx
12	Violet	$\overline{Rx}$
13	White	+5V
14	Black	0V
15	Shield	FG-Frame ground



Note: Male plugs and pins are provided on the cables attached to the motor. Female connectors should be prepared by the user if Panasonic cables are not being used.