

2 June 2009

Wire #	Gage	Color	From	To	Signal	Wire Color Chart			
						Pair	Wire1	Wire2	AWG
Pr1-1	#22	Red-Wh	J1-G	P1-G	MOT B+	Pr1	Red-Wh	Blue-Wh	22
Pr1 Drain	#22	---	J1-U	P1-U	Mot Gnd	Pr2	Yellow-Wh	White	22
Pr6-1	#26	Red	J1-C	P1-C	+5v	Pr3	Yellow	Grey	26
Pr3-1	#26	Yellow	J1-T	P1-T	A-	Pr4	Blue	Green	26
Pr4-1	#26	Blue	J1-P	P1-P	B-	Pr5	Brown	Orange	26
Pr2-1	#22	Yellow-Wh	J1-L	P1-L	Mot A+	Pr6	Red	Black	26
Pr1-2	#22	Blue-Wh	J1-J	P1-J	B+	Pr7	Orange-Wh	Black-Wh	26
Pr5-2	#26	Orange	J1-M	P1-M	Z+	QR019-2150-01			
Pr3-2	#26	Grey	J1-O	P1-O	A+				
Pr5-1	#26	Brown	J1-N	P1-N	Z-				
Pr2-2	#22	White	J1-A	P1-A	MOT B-				
Pr2 Drain	#22	---	J1-U	P1-U	MOT GND				
Pr4-2	#26	Green	J1-R	P1-R	MOT A-				
Pr7-2	#26	Black-Wh	J1-S	P1-S	GND				
Pr7-1	#26	Orange-Wh	J1-E	P1-E	MEM				
Pr6-2	#26	Black	NC	NC	Not Used				

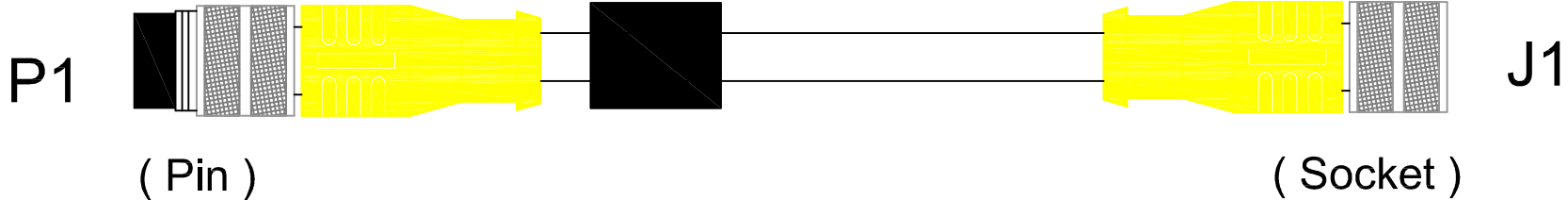
Connector J1 Shell (Female): Connect to Drains of Pr1 and Pr2 to shell and to 360 degree foil wrap. Also connect these drains to J1 Prin U. Keep drains Pr1/Pr2 isolated from drains Pr3 through Pr7 at J1.

Connector P1 shell (Male): Connect all Drain wires (Pr1 through Pr7) to shell and to 360 degree fil wrap.. Also connect drains to P1 pin U.

## I-Grade System

- > Extension for connecting Controller/Driver to IP65 Motor/Encoder
- Connects to QCI-C-D15P-H14S-nn and IP65 Motor/Encoder
- I-Grade SilverNugget N2, SilverNugget N3 & SilverDust D2
- I-Grade IP65 17, 23 & 34 Motor/Encoder

## Motor Interface Cable



QCI-C-T14P-T14S-nn  
( nn=length in feet )

\* QCI-C-D15P-H14S-nn secures to Bulkhead

\* Not Actual Size