Motor Interface Cable

I-Grade System

- Connects Controller/Driver to IP65 Motor/Encoder
  - I-Grade SilverNugget N3
  - I-Grade IP65 34 Frame Motor/Encoder

Wire # | Gauge | Color | From | To | Signal | Wire Color Chart
--- | --- | --- | --- | --- | --- | ---
P1-1 | #16 | YELLOW | J1-1 | P1-1 | A- | Pair Wire1 Wire2 Gauge Drain
P1-2 | #16 | RED | J1-2 | P1-2 | A+ | P1 Yellow Red #16 #18
P1-Drain | #18 | --- | J1-3 | P1-5 | Chassis GND | P2 Orange Black #16 #18
P2-1 | #16 | ORANGE | J1-4 | P1-3 | B- | SYS804T15
P2-2 | #16 | BLACK | J1-5 | P1-4 | B+ |
P2-Drain | #18 | --- | J1-6 | P1-5 | Chassis GND |

Connector J1/P1 Shells: Connect drain wires to shell and to 360 degree foil wrap. Also connect these drains to J1 Pins 3 and 6, and P1 pin 5.

Wire # Gauge Color From To Signal Wire Color Chart
P1-1 #16 YELLOW J1-1 P1-1 A- Pair Wire1 Wire2 Gauge Drain
P1-2 #16 RED J1-2 P1-2 A+ P1 Yellow Red #16 #18
P1-Drain #18 --- J1-3 P1-5 Chassis GND P2 Orange Black #16 #18
P2-1 #16 ORANGE J1-4 P1-3 B- SYS804T15
P2-2 #16 BLACK J1-5 P1-4 B+
P2-Drain #18 --- J1-6 P1-5 Chassis GND

Motor Interface Cable

QCI-C-D5P-T6S-nn
(nn=length in feet)

* IP 65 motor end

* Not Actual Size

Subject to change without notice