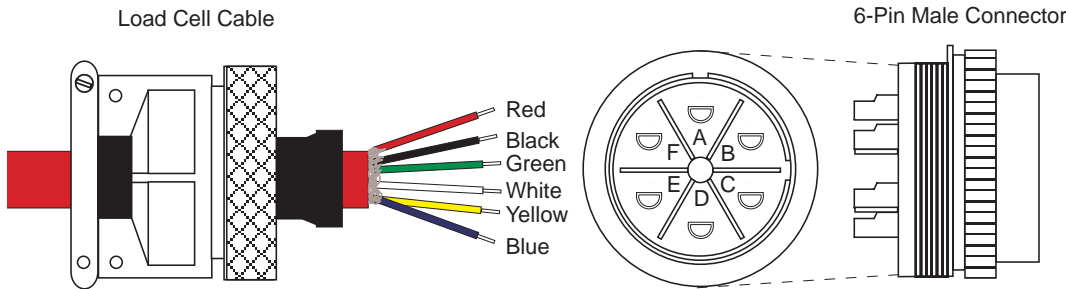


Load Cell Quick Connector

The Load Cell Quick Connector easily connects a load cell cable to an IQ plus® 310, IQ plus® 800 or an IQ plus® 810 indicator.

1. Solder the 6-pin male connector to the 6-conductor load cell cable (see Figure 1) using the pin assignment in Table 1.



Pin	Function	Color
A	+ Excitation	Red
B	- Excitation	Black
C	+ Signal	Green
D	- Signal	White
E	+ Sense	Yellow
F	- Sense	Blue

Figure 1: Load Cell Cable to 6-Pin Connector

Table 1: Load Cell Pin Assignment

2. Solder approximately 6" of additional drain wire to the shield wires and route the lengthened drain wire through the cable boot (see Figure 2). Assemble remaining connector parts.

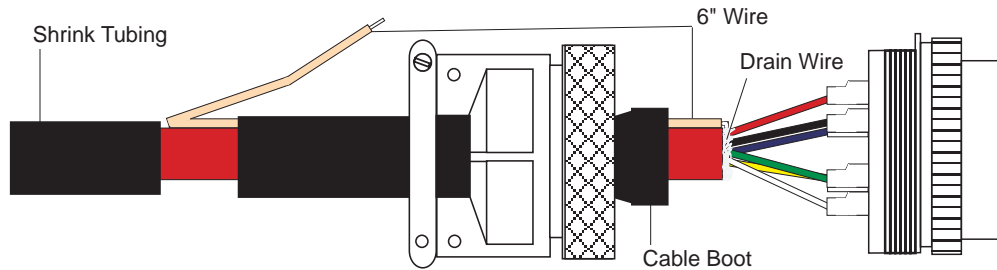


Figure 2: Drain Wire Connection

3. Solder eye connector to the end of the drain wire and attach to strain relief screw assembly (see Figure 3).

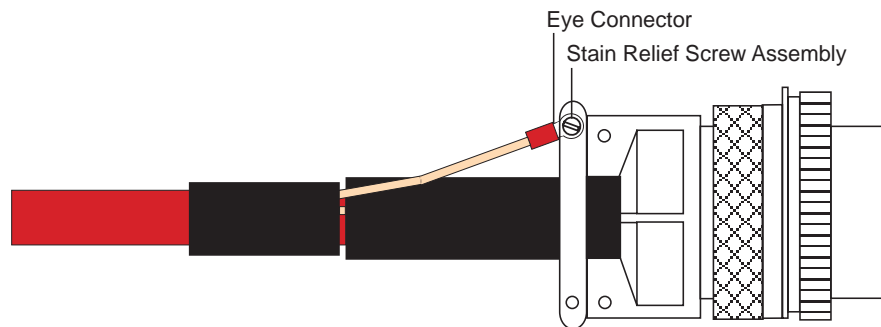


Figure 3: Eye Connector to Strain Relief Screw Assembly

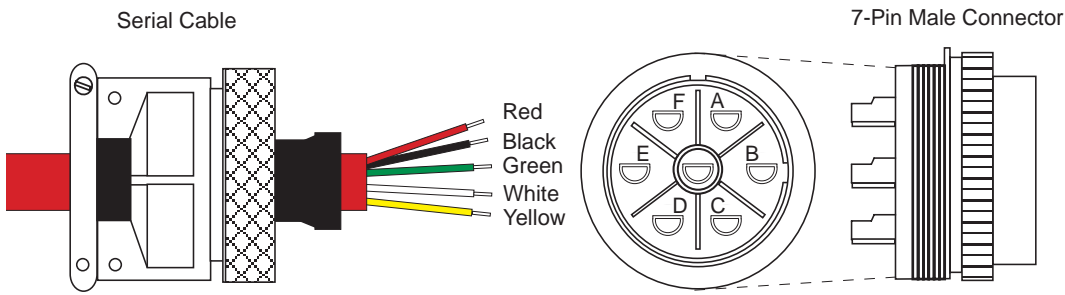
Note:

See the corresponding indicator manual for connection to that indicator.

Serial Quick Connector

The Serial Quick Connector easily connects a serial cable to an IQ plus® 310, IQ plus® 800 or an IQ plus® 810 indicator.

1. Remove the drain wire and blue wire from serial cable prior to soldering connector.
2. Solder the 7-pin male connector to the 6-conductor serial cable using the pin assignment in Table 1 (see Figure 1).



Pin	Function	Color
A	RS-232 +Out	Red
B	Ground	Black
C	RS-232 -In	Green
D	20 mA +Out	White
E	20 mA -Out	Yellow

Figure 1: Serial Cable to 7-Pin Connector

Table 1: Serial Pin Assignment

3. Slide small rubber boot into larger rubber booth for both connectors and finish assembly of the male conductor (see Figure 2).

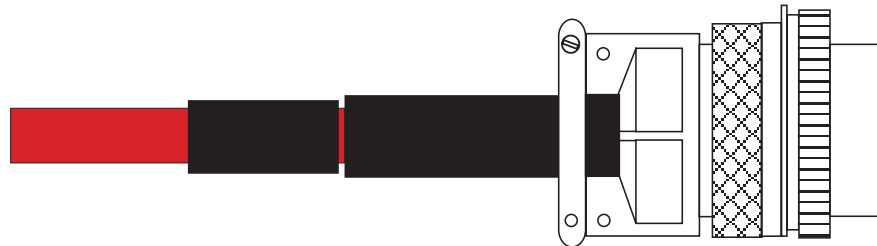


Figure 2: Completed Serial Connector

Note:

See the corresponding indicator manual for connection to that indicator.