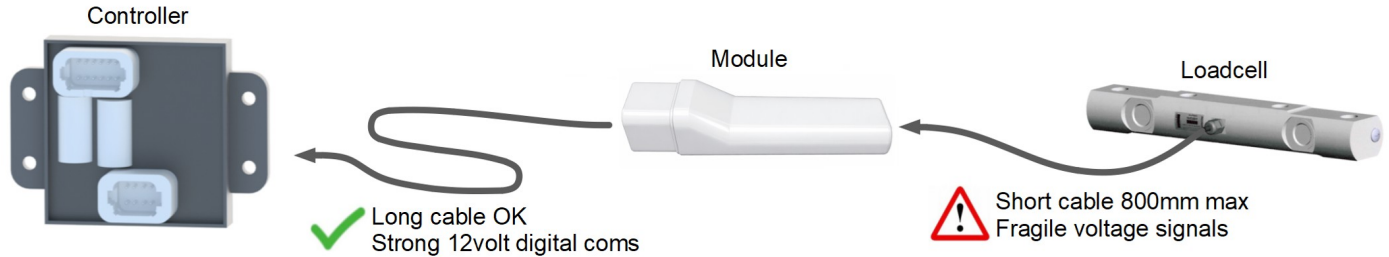




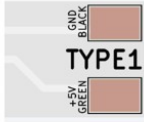
Info

- This device measures weak signals from the loadcell
- It processes the data through filters
- Then it sends strong digital coms to the controller

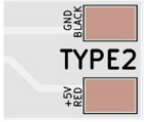


Important

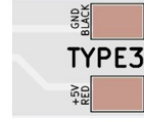
- Always test the unit after soldering (wire colours could be wrong)
- Type 2 is most common, use it if you are not sure

Module circuit board

TYPE1
For Avery Double ended axle cell Round drawbar cell

Excite (+5volt) = Green
Ground = Black
+ Signal (pos) = White
- Signal (neg) = Red

Module circuit board

TYPE2
For Topcon Double ended axle cell Round drawbar cell

Excite (+5volt) = Red
Ground = Black
+ Signal (pos) = White
- Signal (neg) = Green

Module circuit board

TYPE3
For Topcon Rectangle chassis cell

Excite (+5volt) = Red
Ground = Black
+ Signal (pos) = Green
- Signal (neg) = White

- Thick fast drying sealant is best
- Use Soudal High Tack or similar

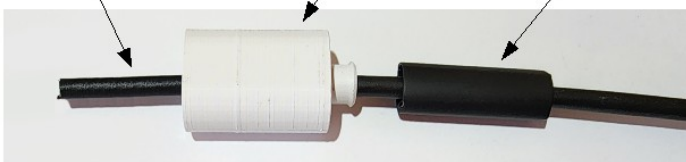


Step 1

Cut the loadcell
cable short
800mm max

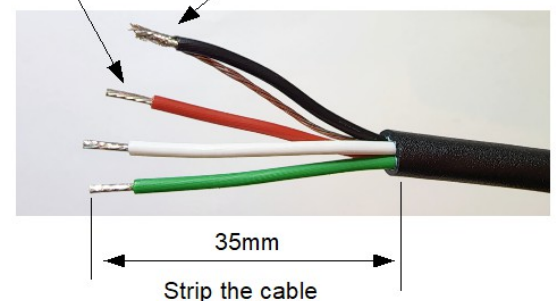
Fit the end
cap

Fit heat shrink
tube



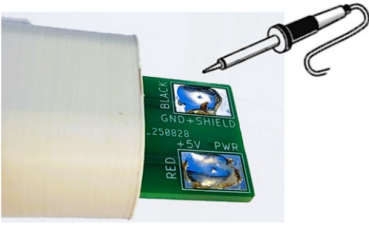
Strip 5mm

Twist the ground and
shield wire together

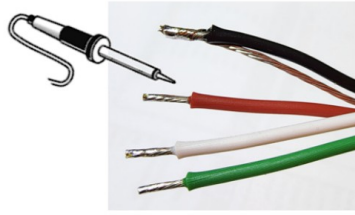


Step 2

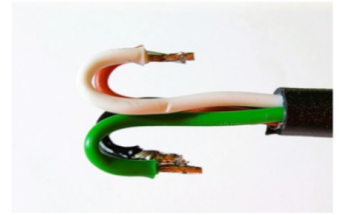
Put solder on the pads



Put solder on the wires



Bend the wires



Solder wires onto pads



Put cable sleeve close to the board

Keep shield wire away from other pads



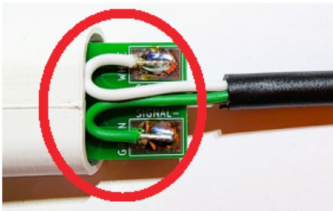
Step 3

- Test the module now
- Wire colours might be wrong in the loadcell
- In the i4M app, go to Machine > Checks > Loadcells
- Put weight on the loadcell, the reading must go up

i4M app example		
Back		Page
Drawbar output	0	OFF
Left front output	66737	OK
Right front output	66732	OK
Left rear output	66738	OK
Right rear output	66739	OK

Step 4

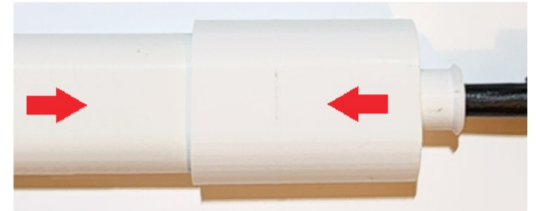
Apply sealant



Put sealant in end cap (over half full)



Push cap onto module



Wipe sealant

Heat shrink onto barb

