

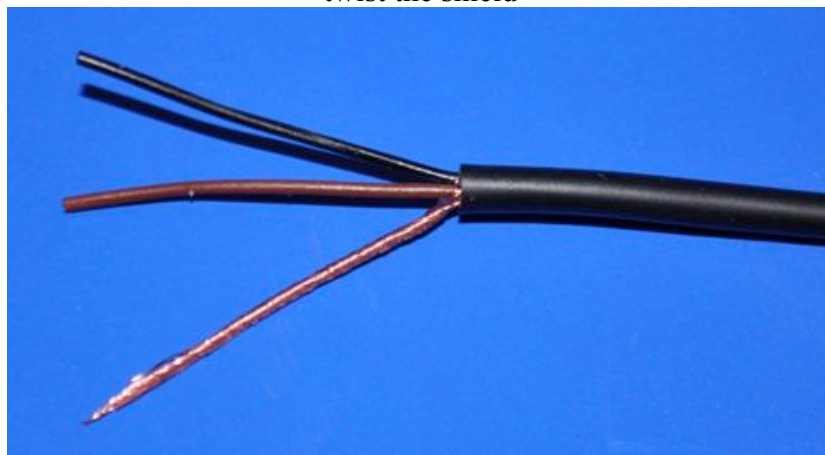
A) Mounting of the socket:
Cut cable to desired length (max 10 meter)



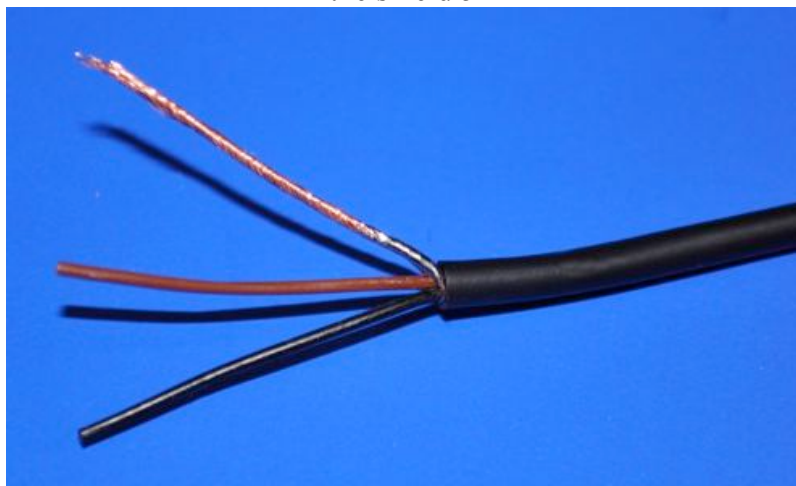
Strip off 25 mm



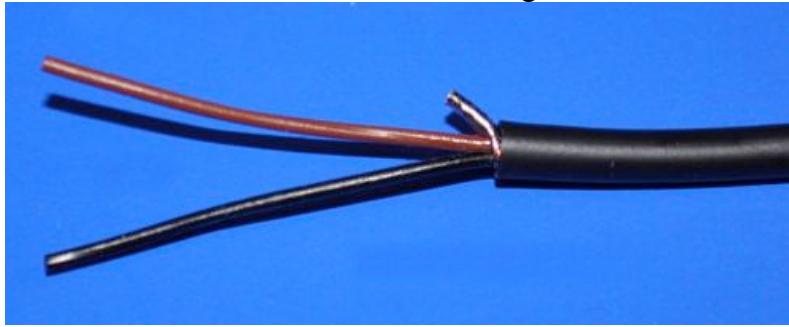
twist the shield



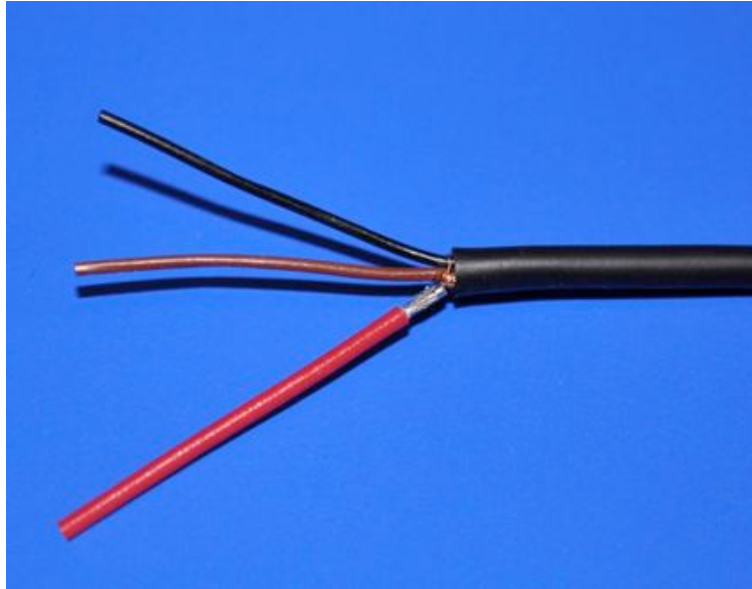
Tin the shield 5 mm



Cut shield to 3mm length



Cut red wire to 30mm.
Strip red wire to 2 mm on one side and solder red wire to shield.



Cut shrinking tube with diameter of 3,2 mm to 20 mm and shrink tube over wire.

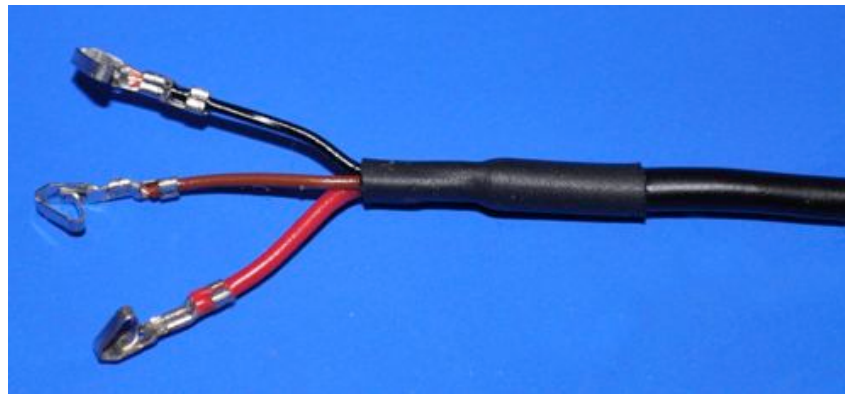
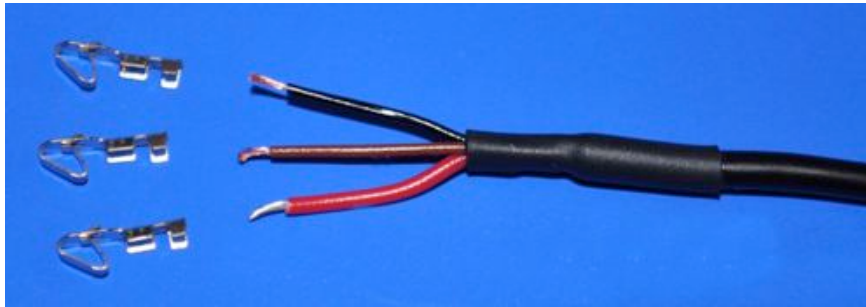
Cut all wires to the same length:



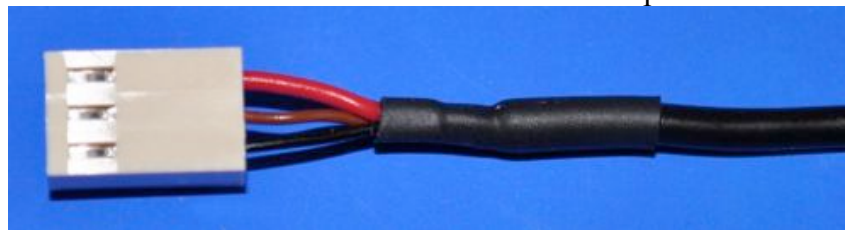
Strip 2,5 mm – **do not tin!**



Crimp the crimp contacts to the wires.



Fix the 3 wires in socket as shown in the picture:

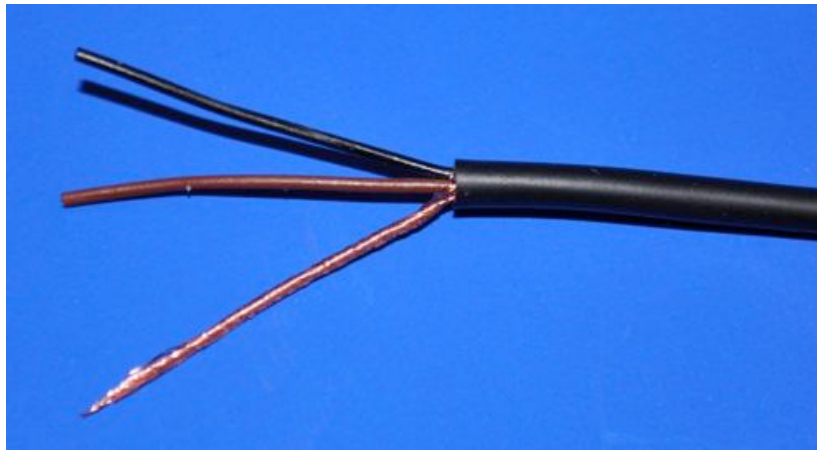


B) Mount Sensor:

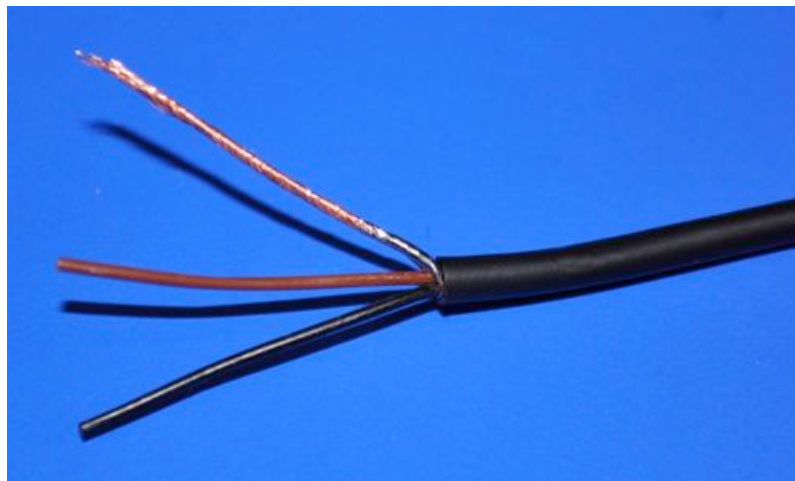
Strip 20mm from cable



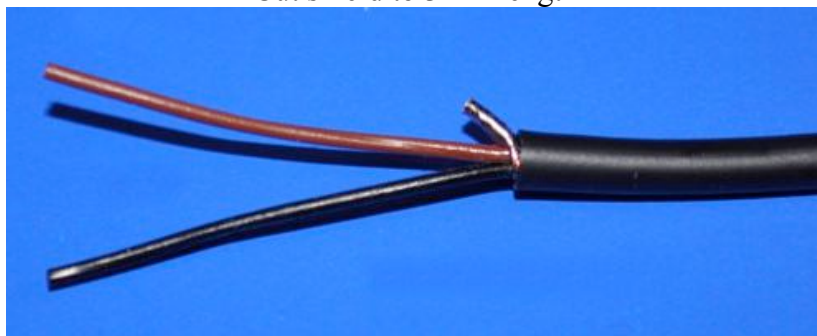
Drill shield



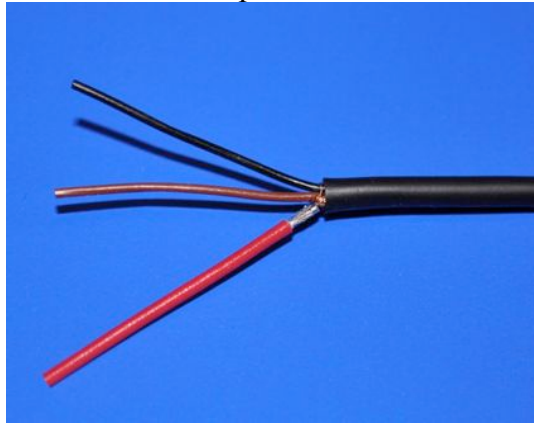
Tin Shield 5 mm



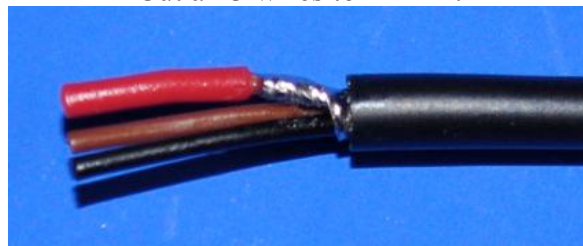
Cut shield to 3mm length



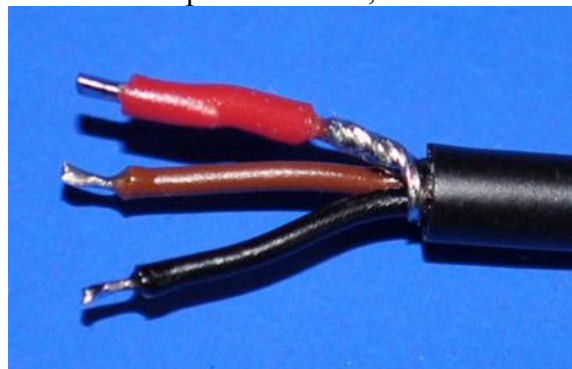
Cut the red wire to 25mm. Strip red wire 2mm on one side and tin.



Cut all 3 wires to 12 mm.

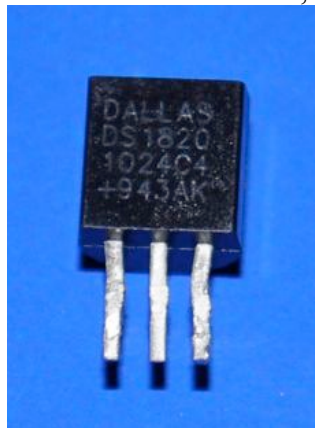


Strip all 3 wires 1,5 mm

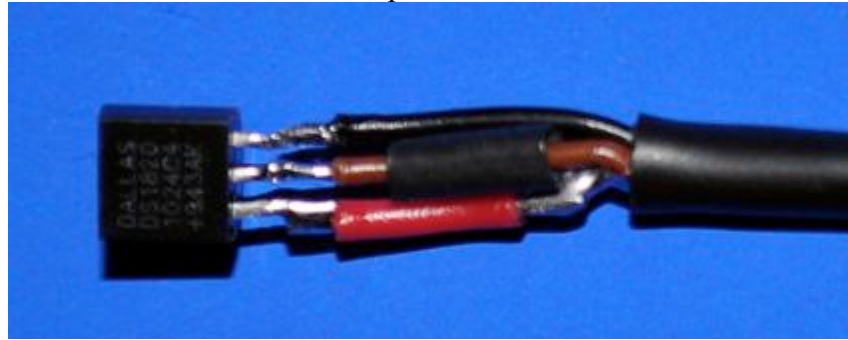


Use 5mm of shrinking tube with an inner diameter of 1,6 mm.
Place shrinking tube over brown wire.

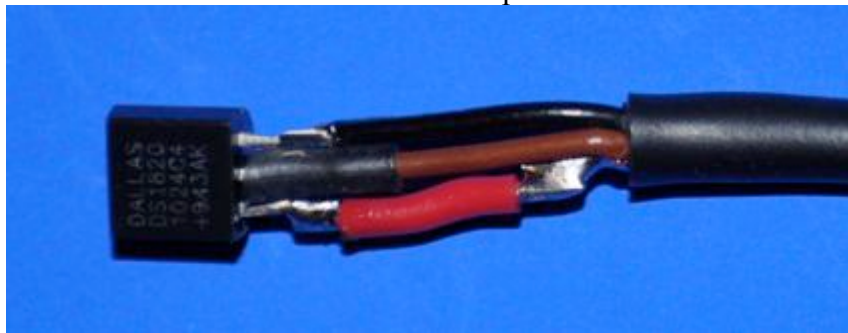
Align contacts of sensor and cut 2,5 mm away.



Solder wires to sensor as shown in the picture. Be careful not to overheat the sensor!



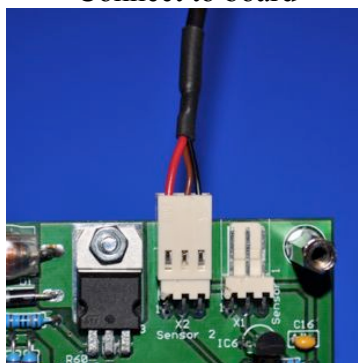
Shrink middle pin.



Cut 33mm of shrinking tube with inside glue and a diameter of 8mm. Shrink tube over sensor. While the shrinking tube is still hot press the end together using pliers with no ruffle.



Connect to board



Done!