

T°Sentry Model 140 ISP

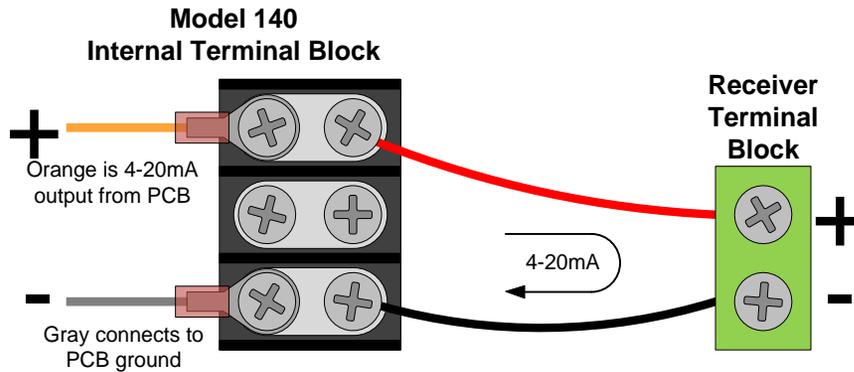
4-20mA Output Option

The T°Sentry Model 140 “I” option provides a 4-20mA isolated current source and output connector as part of the electronics board.

This 4-20mA output unit is designated Model 140-ISP (I for current, SP for self-powered). Other options available with the 4-20mA output are H (high-resolution) and R (relay). Please note that the 9V battery backup option (B) is NOT compatible with the SP option!

Total output current range is approximately 3-21mA and the 4-20mA measurement range corresponds to a user-programmable temperature range within the available range of the unit.

The ISP option includes a terminal block inside the Model 140 case for wiring the 4-20mA transmitter to the receiving equipment.



To read the current with an ammeter, replace the black wire shown in the above diagram with the meter probes. Place the “+” meter lead on the “-” terminal of the receiver, and the “-” meter lead on the “-” terminal of the Model 140.