



How does thermocouple technology work?

Thermocouple-type sensors contain two crossed wires about the width of a human hair soldered between the pins inside the stainless-steel housing. One wire heats up or cools down in proportion to the amount of gas molecules bombarding it, and the other wire takes its temperature. We associate the change in temperature with an equivalent change in pressure and turn it into a vacuum reading that anyone can understand.

