The Series M Magnetic Surface Thermocouples are commonly used for temporary measurements of surface temperatures of ferrous materials. A powerful Alnico Magnet presses the spring-loaded sensor tip against the surface to be measured. The magnet has a holding force of 16 lbs and can withstand up to 1000°F (535°C) without any degradation.

**SPECIFICATIONS**
- **Sensor Type:** J or K type thermocouple.
- **Accuracy:** ±4°F (±15°C).
- **Temperature Range:** 32 to 1000°F (0 to 535°C).
- **Probe Material:** Alnico Magnet and 304 SS sensing tip.
- **Extension Material:** Fiberglass.
- **Mounting:** Magnetically surface mounts.
- **Weight:** 2.9 oz (81 g).

### Model | Sensor Type | Price
--- | --- | ---
MJ10-072-03 | J | $82.50
MK10-072-03 | K | $82.50

Items are net priced and are not subject to any discount.

The Series AVG Averaging Temperature Sensor can be used to measure the average temperature upstream of the cooling coils in an air handler. The coiled sensor unwinds to a length of 12' or 24' to take an average temperature reading across a large space. The housing has multiple knockouts to reduce the time to install conduit. The Series CC1 mounting brackets can be used to secure the capillary to the wall of the air handler without kinking. The Series AVG can be ordered with a choice of 11 output options that allow it to communicate to any standard building control system.

### SPECIFICATIONS
- **Accuracy:** Platinum RTD: ±0.6% @ 32°F (0°C); Nickel RTD: ±0.5°F @ 32°F (0°C); Balco RTD: ±0.1% @ 32°F (0°C); Thermistors: ±0.36°F from 32 to 158°F (0 to 70°C).
- **Operating Temperature:** -32 to 240°F (-35.5 to 115.5°C).
- **Capillary Length:** 12' or 24' depending on model.
- **Cable Length:** 8".
- **Probe Material:** Bendable copper capillary.
- **Mounting:** Flanged mounting ears.

### Model | Sensor Type | Capillary Length | Price
--- | --- | --- | ---
AVG-21121 | PT 100 Ω RTD | 12' | $135.00
AVG-22121 | PT 1000 Ω RTD | 12' | 154.00
AVG-23121 | Ni 1000 Ω RTD | 12' | 175.00
AVG-24121 | Balco 1000 Ω RTD | 12' | 184.00
AVG-25121 | 10K Ω Type 2 Thermistor | 12' | 94.00
AVG-26121 | 3K Ω Thermistor | 12' | 94.00
AVG-27121 | 5K Ω Thermistor | 12' | 94.00
AVG-28121 | 100K Ω Thermistor | 12' | 94.00
AVG-29121 | 20K Ω Thermistor | 12' | 94.00
AVG-2A121 | 2252 Ω Thermistor | 12' | 94.00
AVG-2B121 | 10K Ω Type 3 Thermistor | 12' | 94.00

### Model | Sensor Type | Capillary Length | Price
--- | --- | --- | ---
AVG-21214 | PT 100 Ω RTD | 24' | $155.00
AVG-22214 | PT 1000 Ω RTD | 24' | 174.00
AVG-23214 | Ni 1000 Ω RTD | 24' | 198.00
AVG-24214 | Balco 1000 Ω RTD | 24' | 182.00
AVG-25214 | 10K Ω Type 2 Thermistor | 24' | 132.00
AVG-26214 | 3K Ω Thermistor | 24' | 132.00
AVG-27214 | 5K Ω Thermistor | 24' | 132.00
AVG-28214 | 100K Ω Thermistor | 24' | 132.00
AVG-29214 | 20K Ω Thermistor | 24' | 132.00
AVG-2A214 | 2252 Ω Thermistor | 24' | 132.00
AVG-2B214 | 10K Ω Type 3 Thermistor | 24' | 132.00