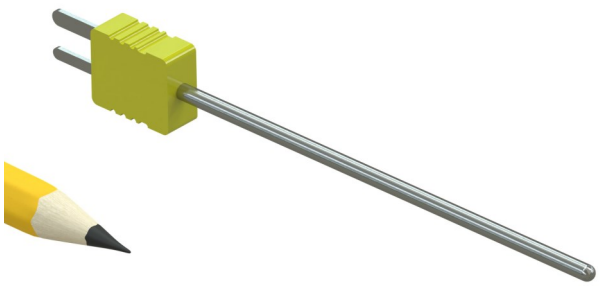
**TEMPERATURE SENSOR**

# QUICK DISCONNECT THERMOCOUPLE STINGER PROBE

Thermocouple Probe with Attached Connector

## FEATURES

- Type E, J, K, or T thermocouple
- Miniature or Standard size quick disconnect connector
- Made in the USA
- Mineral insulated sheath for high strength, bendable
- Designed for research & development applications



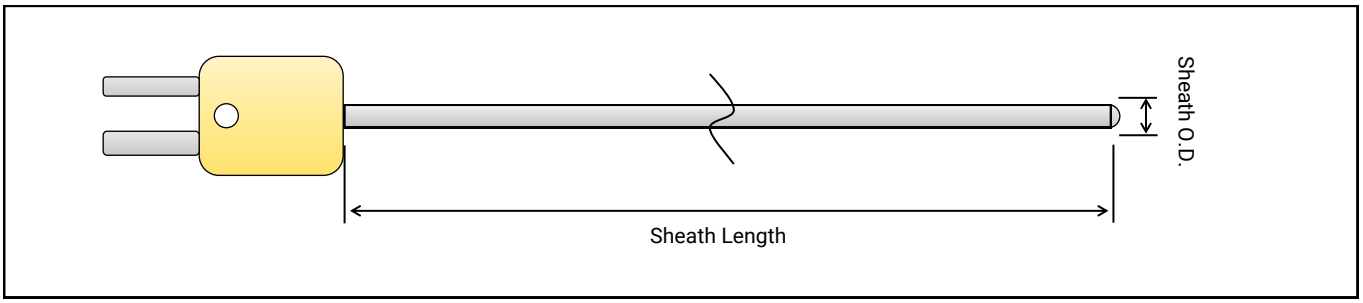
## SPECIFICATIONS

**Thermocouple type:** E, J, K, or T
**Accuracy:** Greater of +/-0.4% of reading or +/- 1.1°C (Special Limits of Error)
**Operating Range:** (E = -328 to 1600°F) (J = 32 to 1400°F) (K = -328 to 2300°F) (T = -328 to 700°F)

**Sheath Material:** 304 Stainless Steel, 316 Stainless Steel, or Inconel 600
**Sheath Insulation:** Magnesium Oxide (MgO)

**Sensing Junction:** Exposed, Grounded, or Ungrounded

**Connector:** Mini or Standard 2-pin Quick Disconnect ; Male Plug or Female Jack




## ORDERING INFORMATION

| Model | Sheath O.D. | Sheath Length | Junction | Sheath Material | Calibration | Connector |
|---|---|---|---|---|---|---|
| **QDC** | -□□□ | -□.□ | -□ | -□□ | -□ | -□□ |
| | **062** 0.062 inches<br>**125** 0.125 inches<br>**187** 0.187 inches<br>**250** 0.250 inches | **2.0** 2 inches<br>**4.0** 4 inches<br>**6.0** 6 inches<br>**8.0** 8 inches<br>**10.0** 10 inches<br>**12.0** 12 inches | **E** Exposed<br>**G** Grounded<br>**U** Ungrounded | **IN** Inconel 600<br>**S4** 304 Stainless<br>**S6** 316 Stainless | **E** Type E<br>**J** Type J<br>**K** Type K<br>**T** Type T | **MJ** Female Mini-Jack<br>**MP** Male Mini-Plug<br>**SJ** Female Standard Jack<br>**SP** Male Standard Plug |

## EXAMPLE

**QDC-125-4.0-U-S4-K-MP:** 0.125" Sheath O.D., 4 inch long, Ungrounded, 304 SS sheath, Type K, Male mini-plug connector

***CUSTOM CONFIGURATIONS AVAILABLE***

Made in USA

HGSI THE SENSOR CONNECTION
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