

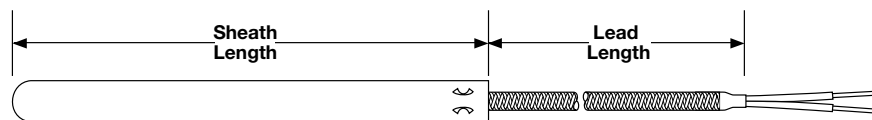
# Thermocouples

## General Applications Tube and Wire

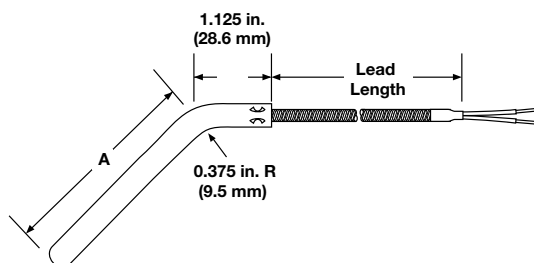
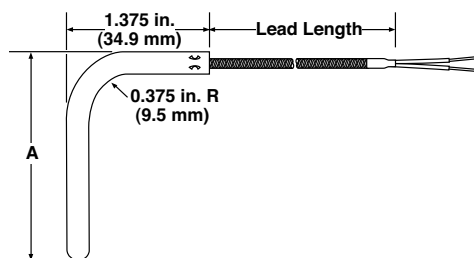
### Rigid Sheath

#### Styles 20, 21 and 22

#### 1/8 and 3/16 inch Diameter



The rigid sheath provides protection and accurate placement through bulkheads or platens. Use with a compression fitting for water tight immersion application.



The bent rigid tube offers protection and accurate lead placement around machinery.

## Ordering Information

### Part Number

| 1 2          | 3               | 4           | 5               | 6        | 7             | 8 9 10      | 11             |
|--------------|-----------------|-------------|-----------------|----------|---------------|-------------|----------------|
| Const. Style | Sheath Diameter | Calibration | Lead Protection | Junction | Sheath Length | Lead Length | Term./ Options |
|              |                 |             |                 |          |               |             |                |

| 1 2  | Construction Style     |
|------|------------------------|
| 20 = | Plain sheath, straight |
| 21 = | Plain sheath, 45° bend |
| 22 = | Plain sheath, 90° bend |

| 3   | Sheath Diameter (in.) 300 Series SS |
|-----|-------------------------------------|
| C = | 1/8 in.                             |
| D = | 3/16 in.                            |
| T = | 3/16 in. epoxy sealed 300°F (149°C) |

| 4   | Calibration |
|-----|-------------|
| J = | Type J      |
| K = | Type K      |
| T = | Type T      |
| E = | Type E      |

| 5                                             | Lead Protection                                               |
|-----------------------------------------------|---------------------------------------------------------------|
| F =                                           | Fiberglass (24 gauge stranded)                                |
| S =                                           | Fiberglass with stainless steel overbraid (24 gauge stranded) |
| H =                                           | Fiberglass with stainless steel hose (24 gauge stranded)      |
| P* =                                          | Fiberglass (20 gauge stranded)                                |
| B* =                                          | Fiberglass with stainless steel overbraid (20 gauge stranded) |
| T =                                           | PFA (24 gauge stranded)                                       |
| U =                                           | PFA with stainless steel overbraid (24 gauge stranded)        |
| K =                                           | PFA with stainless steel hose (24 gauge stranded)             |
| V* =                                          | PFA (20 gauge stranded)                                       |
| W* =                                          | PFA with stainless steel overbraid (20 gauge stranded)        |
| * Not available with 1/8 in. diameter sheath. |                                                               |

| 6   | Junction                |
|-----|-------------------------|
| F = | Grounded, flat tip      |
| G = | Grounded, round tip     |
| D = | Grounded, drill point   |
| R = | Ungrounded, flat tip    |
| U = | Ungrounded, round tip   |
| P = | Ungrounded, drill point |
| E = | Exposed                 |

| ⑦ Sheath Length (in.) |           |     |           |     |           |
|-----------------------|-----------|-----|-----------|-----|-----------|
| A* =                  | 1/2 in.   | J = | 4 1/2 in. | S = | 8 1/2 in. |
| B* =                  | 1 in.     | K = | 5 in.     | T = | 9 in.     |
| C =                   | 1 1/2 in. | L = | 5 1/2 in. | U = | 9 1/2 in. |
| D =                   | 2 in.     | M = | 6 in.     | W = | 10 in.    |
| E =                   | 2 1/2 in. | N = | 6 1/2 in. | Y = | 11 in.    |
| F =                   | 3 in.     | P = | 7 in.     | Z = | 12 in.    |
| G =                   | 3 1/2 in. | Q = | 7 1/2 in. |     |           |
| H =                   | 4 in.     | R = | 8 in.     |     |           |

\* Not available in construction style 21 and 22.

| 8 9 10                                                          | Lead Length (in.) |
|-----------------------------------------------------------------|-------------------|
| Available lengths: 006 to 360 in., over 360 in. contact factory |                   |

| 11  | Termination/Options                                       |
|-----|-----------------------------------------------------------|
| A = | Standard, 2 1/2 in. split leads                           |
| B = | 2 1/2 in. split leads with #6 spade lugs                  |
| C = | 2 1/2 in. split leads with #6 spade lugs and BX connector |
| D = | Standard male plug, quick disconnect                      |
| E = | Standard female jack, quick disconnect                    |
| F = | Miniature male plug, quick disconnect                     |
| G = | Miniature female jack, quick disconnect                   |
| H = | 1/4 in. push-on connector                                 |