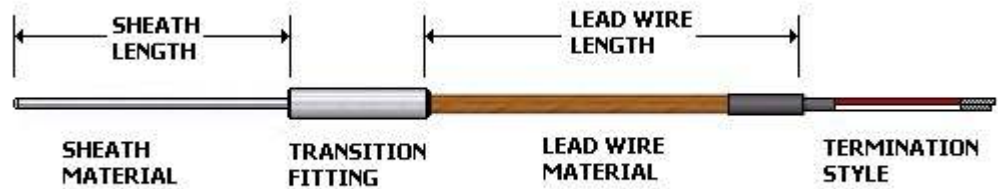


East Coast Sensors

Hot Runner style thermocouple THR1 Series



Ordering Information Part Number

| ① THR1 | ② Calibration | ③ Sheath Diameter | ④ Sheath Material | ⑤ Sheath Length (whole in.) | ⑥ Sheath Length (Frac.in.) | ⑦ Junction | ⑧ Transition fitting | ⑨ Lead wire material | ⑩ Lead wire Length (in.) | ⑪ Termination Style |
|-----------|------------------|----------------------|----------------------|--------------------------------|-------------------------------|---------------|-------------------------|-------------------------|-----------------------------|------------------------|
| THR1 | | | | | | | | | | |

| ② | Calibration |
|---|-------------|
| J | Type J |
| K | Type K |

| ③ | Sheath Diameter |
|------|-------------------------------------------------------------|
| A | .032" (0.8mm) |
| B | .040" (1mm) |
| C | .059" (1.5mm) |
| D | .062" (1.6mm) (1/16") |
| E | .079" (2mm) |
| F | .092" (2.3mm) |
| G | .118" (3mm) |
| Note | <i>Sizes for reference only (standard tolerances apply)</i> |
| Note | <i>For other diameters consult factory</i> |

| ④ | Sheath Material |
|---|-----------------|
| F | 304 SS |
| H | 316 SS |
| M | INCONEL (600) |

| ⑤ | Sheath Length (whole in.) |
|-----------|---------------------------|
| 001"-024" | Specify in Inches |

| ⑥ | Sheath Length (fractional in.) |
|---|--------------------------------|
| A | 0 |
| B | 1/8" |
| C | 1/4" |
| D | 3/8" |
| E | 1/2" |
| F | 5/8" |
| G | 3/4" |
| H | 7/8" |

| ⑦ | Junction |
|---|---------------------|
| G | Grounded (Single) |
| U | Ungrounded (Single) |

| ⑧ | Transition Fitting |
|------|-----------------------------|
| 2 | 1/4"OD X 1.25" w/ spring |
| 3 | 3/16"OD X 1" w/ spring |
| 5 | 1/4"OD X 1.25" (no spring) |
| 6 | 3/16"OD X 1" (no spring) |
| Note | <i>500°F epoxy standard</i> |

| ⑨ | Lead wire material |
|------|----------------------------------|
| A | Fiberglass (800°F) |
| B | Fluoropolymer (400°F) |
| C | Polyimide (500°F) |
| Note | Wire is 24 gauge stranded |

| ⑩ | Lead wire length (in.) |
|----------|----------------------------------|
| 006-600" | Specify in Inches |
| Note | Over 600" contact factory |

| ⑪ | Termination style |
|---|---------------------------------|
| A | 2" stripped leads (bare ends) |
| B | 2 "stripped leads w/ spade lugs |
| C | Standard male plug (400°F) |
| H | Standard female jack (400°F) |
| J | Miniature plug (400°F) |
| K | Miniature jack (400°F) |