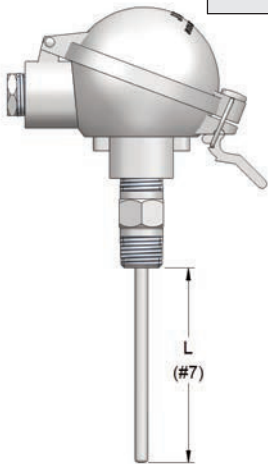


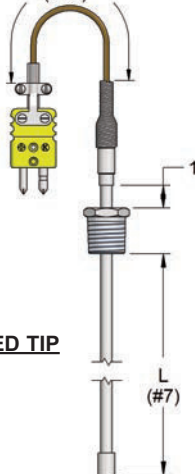
MINIATURE AND INDUSTRIAL THERMOCOUPLES

| | | | |
|--|--|---|--|
| #9 | PROCESS NPT [3] | | |
| L | 1/8" | O 3/4" | |
| M | 1/4" | X Other, specify | |
| P | 1/2" (Standard) with symbols W,S,C, & N from selection #8 | Z N/A | |
| #10 | LEAD WIRE TYPE & LENGTH IN INCHES [SEE SECTION 7] | | |
| Z | No lead wires | 7" Bare wire | |
| 1" | Fiberglass braid | 8" PVC coil cord - 4" standard length (relaxed) | |
| 2" | PVC | X" Other, specify | |
| 3" | Teflon | } Solid 20 AWG Note: Add an S prefix to your selection to designate stranded wire. Example: S312= 12" stranded Teflon lead wire. 24 AWG or smaller may be used to accommodate some smaller diameters and flex armor extensions. | |
| 4" | Hi-temp fiberglass braid | | |
| 5" | Kapton | | |
| #11 | ARMOR OR HEAT SHRINK [7-7] [16] | | |
| A | 3/16" ID SS flex armor | | J Aluminum Mylar shielded and jacketed to match primary insulation |
| B | 3/16" ID SS flex armor Teflon coated white | X Other, specify | |
| C | 3/16" ID SS flex armor Teflon coated black | Z N/A | |
| D | 1/8" ID SS flex armor | | |
| F | SS overbraid | | |
| G | Heat shrink/sleeving | Note: Bell Springs are used for most wire extensions at transition. A special armor adapter is used when flex armor is longer than 60". | |
| H | Jacket to match primary insulation | | |
| #12 | TYPE OF TRANSITION [16] | | |
| H | Heat shrink | Note: For high humidity/moisture environments ($\leq 500^{\circ}\text{F}$), put a 2 after your selection. For example, R2. | |
| S | Size on size | | |
| T | 3/8" OD (Standard) | | |
| R | 1/4" OD | Note: For high temperatures at the transition area ($500^{\circ}\text{F} - 1200^{\circ}\text{F}$), put a 3 after your selection. For example, T3. | |
| X | Other,specify | | |
| Z | No transition | | |
| #13 | COLD END TERMINATION Choose as many as applicable [Add'l options see Pg. 1-7] (Visit our online catalog for additional terminations, www.JMS-SE.com/ends) | | |
| Connectors | | Heads [6-1] visit www.JMS-SE.com/headspecs | |
| B | Miniature plug | I Aluminum, NEMA 4X, FM, CSA, IP66 (6IA/6B4) | |
| C | Standard plug | J 316 SS, NEMA 4X, FM, CSA, IP66 (6ISS/6B4) | |
| F | High temperature plug ($< 800^{\circ}\text{F}$) | P Aluminum, NEMA 4X, FM, CSA, ATEX, IECEx, IP66 (6IAIEC/6B4) | |
| WM | Microphone style plug (6DA) | GA Aluminum, w/viewing window, NEMA 4X, FM, CSA, ATEX, IECEx (688A1/88DIG) (Transmitter required) | |
| D | Miniature jack | GS 316SS w/viewing window, NEMA 4X, FM, CSA, ATEX, IECEx (688S1/88DIG) (Transmitter required) | |
| E | Standard jack | L Aluminum w/ hinged cover (6L/6B4) | |
| G | High temperature jack ($< 800^{\circ}\text{F}$) | M Aluminum w/ screw cover & chain (6M/6B4) | |
| WF | Microphone style jack (6DA) | R Aluminum w/ hinged high dome cover (6R/6B4) | |
| Transmitters | | N Cast Iron w/ screw cover (6N/6B4) | |
| 8H | Isolated transmitter | Q Black Noryl plastic (6Q/6B4) | |
| 8N | Non-isolated transmitter | SS 316 SS w/ screw cover & chain (6SS/6B4) | |
| 8I | Hart Protocol | Other | |
| 8E | Intrinsically safe | A Bare ends | |
| 8D | Hart/Intrinsically safe | K Spade lugs (6SL) | |
| Note: Add span range after transmitter selection. Example: 8H(0-200C). Note: Transmitter output = 4-20mA. (See section 8 for other options). | | O Open terminal block (6B4) | |
| | | X Other, specify | |
| #14 | OPTIONS Use only if applicable [INTRODUCTION] | | |
| 1 | Stainless steel tag | 6** Premium calibration report. Corrections data will be provided for temperatures within the range. | |
| 2 | Plastic tag | 6L* Premium lot calibration report. Corrections data will be provided for temperatures within the range. | |
| 3 | Paper tag | 7 CE marking [page XV] | |
| 4 | Laser etch on probe | 8 Guide 17025 calibration | |
| 5 | Calibrate at specified point(s). Corrections data provided for each point. | 9 Bar code | |
| 5L* | Standard lot calibration | M MTR | |
| 5M | Material calibration report. | | |
| * AMS 2750D and AMS 2750E compliant ** Must specify increments & range (Example: 0 to 300°F, 10° increments) | | | |



Note: L is the length of the sensor to the fixed attaching device.

LEAD WIRE LENGTH (#10)



ENLARGED TIP #6 (V, W)