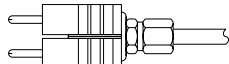
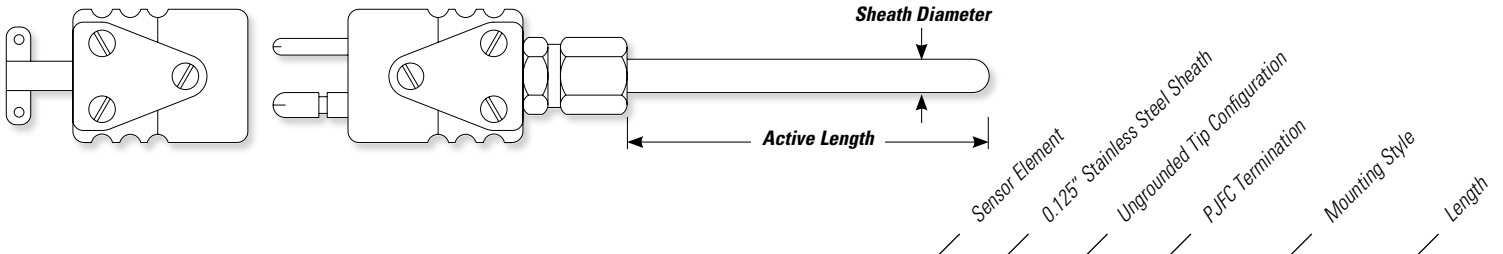


Conax polarized plug and jack assembly bodies are made from molded glass-filled thermoset compounds, with contacts constructed of thermocouple alloy materials. Polarity marks are molded in the bodies for installation assistance, and male and female assemblies are color coded with ISA calibration coding. A metal ferrule tube adapter secures the probe in place, and a wire clamp is used to hold the wire. Standard assemblies are designed to operate in temperatures up to 300° F (150° C). High temperature assemblies operate up to 800° F (427° C) and are color-coded red. Individual plugs, jacks, tube adapters and wire clamps are also available.

Specify Sensor Element	Specify Sheath Material	Specify Sheath Diameter	Specify Tip Configuration
<p>J – Iron/Constantan</p> <ul style="list-style-type: none"> • 32° F to +1400° F • 0° C to +760° C <p>K – Chromel/Alumel</p> <ul style="list-style-type: none"> • -328° F to +2300° F • -200° C to +1260° C <p>E – Chromel/Constantan</p> <ul style="list-style-type: none"> • -328° F to +1600° F • -200° C to +870° C <p>T – Copper/Constantan</p> <ul style="list-style-type: none"> • -328° F to +700° F • -200° C to +370° C <p>N – Nicrosil/Nisil</p> <ul style="list-style-type: none"> • 32° F to +2300° F • 0° C to +1260° C <p>S – Platinum-10% Rhodium/Platinum</p> <ul style="list-style-type: none"> • 32° F to +2700° F • 0° C to +1480° C <p>R – Platinum-13% Rhodium/Platinum</p> <ul style="list-style-type: none"> • 32° F to +2700° F • 0° C to +1480° C <p>B – Platinum-30% Rhodium/Platinum-6% Rhodium</p> <ul style="list-style-type: none"> • 1600° F to +3100° F • 870° C to +1700° C <p>C – Tungsten-5% Rhenium/Tungsten-26% Rhenium</p> <ul style="list-style-type: none"> • 32° F to +4200° F • 0° C to +2315° C 	<p>SS – 304 Stainless Steel</p> <ul style="list-style-type: none"> • Maximum service temperature: +1650° F (900° C) <p>316SS – 316 Stainless Steel</p> <ul style="list-style-type: none"> • Maximum service temperature: +1650° F (900° C) <p>INC – Inconel 600</p> <ul style="list-style-type: none"> • Maximum service temperature: +2100° F (1150° C) <p>Alternate Materials</p> <p>310SS – 310 Stainless Steel 188HN – Haynes 188 214HN – Haynes 214 230HN – Haynes 230 HC – Hastelloy C HX – Hastelloy X TI – Titanium TA – Tantalum PLT – Platinum</p>	<p>4 = 0.040" diameter</p> <p>6 = 0.062" diameter</p> <p>12 = 0.125" diameter</p> <p>18 = 0.187" diameter</p> <p>25 = 0.250" diameter</p> <p>37 = 0.375" diameter</p>	<p>G – Grounded</p> <p>G – Single, Grounded 2G – Dual, Grounded 3G – Triple, Grounded</p> <p>GR – Grounded, Reduced</p> <p>U – Ungrounded</p> <p>U – Single, Ungrounded 2U – Dual, Ungrounded 3U – Triple, Ungrounded</p> <p>UR – Ungrounded, Reduced</p> <p>B – Bare Wire</p>
<p><i>Special limits of error are designated by a double catalog letter, e.g. JJ.</i></p>	<p><i>Certain calibrations and wire configurations (dual and triple) may not be available in all sheath materials and diameters. Consult factory for details.</i></p>	<p> Dual styles available</p> <p><i>Miniatures are not available in dual construction.</i></p>	



Progressive Description Example: **J-SS12-U-PJFC-PG2AL-12.00"**

<p>Specify Termination Style</p> <p>PJ – Male plug only PJHT – Male plug only, high temperature</p> <p>PF – Female jack only PFHT – Female jack only, high temperature</p> <p>PJF – Male plug & female jack PJFHT – Male plug & female jack, high temperature</p> <p>PJFC – Plug, jack & wire clamp PJFCHT – Plug, jack & wire clamp, high temperature</p> <p>MPJ – Miniature male plug only MPJHT – Miniature male plug only, high temperature</p> <p>MPF – Miniature female jack only MPFHT – Miniature female jack only, high temperature</p> <p>MPJF – Miniature male plug & female jack MPJFHT – Miniature male plug & female jack, high temperature</p> <p>MPJFC – Miniature plug, jack & wire clamp MPJFCHT – Miniature plug, jack & wire clamp, high temperature</p>	<p>Specify Mounting Style (optional)</p> <p>Packing Gland</p> <p>MIC</p> <ul style="list-style-type: none"> • For 0.040" and 0.062" diameter sheath • Stainless steel construction • Mounting thread 1/16 NPT <p>MICAL – Lava sealant MICAT – Teflon sealant MICAG – Grafoil sealant <i>(not available for 0.040" diameter)</i></p> <p>MPG</p> <ul style="list-style-type: none"> • For 0.040", 0.062", 0.125" and 0.187" diameter sheath • Stainless steel construction • Mounting thread 1/8 NPT <p>MPGAL – Lava sealant MPGAT – Teflon sealant MPGAN – Neoprene sealant MPGAV – Viton sealant MPGAG – Grafoil sealant <i>(not available for 0.040" diameter)</i></p> <p>PG2</p> <ul style="list-style-type: none"> • For 0.125", 0.187" and 0.250" diameter sheath • Stainless steel construction • Mounting thread 1/4 NPT <p>PG2AL – Lava sealant PG2AT – Teflon sealant PG2AN – Neoprene sealant PG2AV – Viton sealant PG2AG – Grafoil sealant</p>	<p>Specify Length in Inches (required)</p> <p>PG4</p> <ul style="list-style-type: none"> • For 0.250" and 0.375" diameter sheath • Stainless steel construction • Mounting thread 1/2 NPT <p>PG4AL – Lava sealant PG4AT – Teflon sealant PG4AN – Neoprene sealant PG4AV – Viton sealant PG4AG – Grafoil sealant</p> <p>Midlock Gland</p> <p>MK062A</p> <ul style="list-style-type: none"> • For 0.062" diameter sheath • Stainless steel construction • Stainless steel ferrule • Mounting thread 1/8 NPT <p>MK125A</p> <ul style="list-style-type: none"> • For 0.125" diameter sheath • Stainless steel construction • Stainless steel ferrule • Mounting thread 1/8 NPT <p>MK187A</p> <ul style="list-style-type: none"> • For 0.187" diameter sheath • Stainless steel construction • Stainless steel ferrule • Mounting thread 1/8 NPT <p>MK250A</p> <ul style="list-style-type: none"> • For 0.250" diameter sheath • Stainless steel construction • Stainless steel ferrule • Mounting thread 1/4 NPT <p>MK375A</p> <ul style="list-style-type: none"> • For 0.375" diameter sheath • Stainless steel construction • Stainless steel ferrule • Mounting thread 1/2 NPT <p>Spring-Load</p> <p>CSLP</p> <ul style="list-style-type: none"> • For 0.125", 0.187" and 0.250" diameter sheaths • Stainless steel construction • Mounting thread 1/2 NPT
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Note: For sealant material details, see page 37.

For detailed descriptions of termination styles, see page 46.