
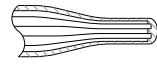
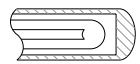
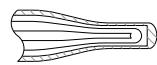

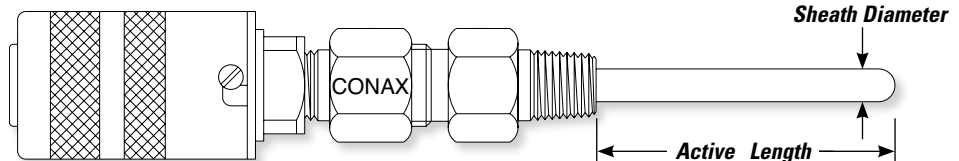


Conax B-Series heads are compact, lightweight terminal heads that provide convenient hook-up of customer extension wire. The cap and body are nickel-plated to resist corrosion. The ceramic terminal block contains zinc-plated brass terminal posts that accept up to 14 AWG wire. Bayonet-style cover allows easy access to the terminal posts. B-Series heads are provided in direct or adjustable mounting styles.

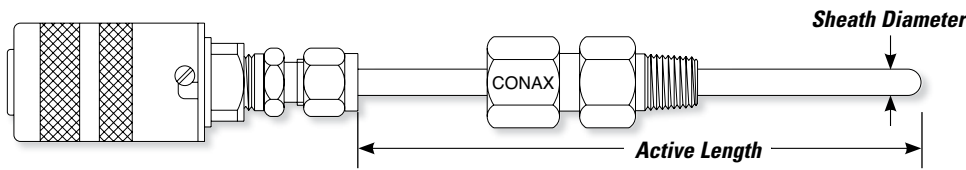
<p>Specify Sensor Element</p> <p>J – Iron/Constantan • 32° F to +1400° F • 0° C to +760° C</p> <p>K – Chromel/Alumel • -328° F to +2300° F • -200° C to +1260° C</p> <p>E – Chromel/Constantan • -328° F to +1600° F • -200° C to +870° C</p> <p>T – Copper/Constantan • -328° F to +700° F • -200° C to +370° C</p> <p>N – Nicrosil/Nisil • 32° F to +2300° F • 0° C to +1260° C</p> <p>S – Platinum-10% Rhodium/Platinum • 32° F to +2700° F • 0° C to +1480° C</p> <p>R – Platinum-13% Rhodium/Platinum • 32° F to +2700° F • 0° C to +1480° C</p> <p>B – Platinum-30% Rhodium/Platinum-6% Rhodium • 1600° F to +3100° F • 870° C to +1700° C</p> <p>C – Tungsten-5% Rhenium/Tungsten-26% Rhenium • 32° F to +4200° F • 0° C to +2315° C</p>	<p>Specify Sheath Material</p> <p>SS – 304 Stainless Steel • Maximum service temperature: +1650° F (900° C)</p> <p>316SS – 316 Stainless Steel • Maximum service temperature: +1650° F (900° C)</p> <p>INC – Inconel 600 • Maximum service temperature: +2100° F (1150° C)</p> <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><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>Specify Sheath Diameter</p> <p>4 = 0.040" diameter 6 = 0.062" diameter 12 = 0.125" diameter 18 = 0.187" diameter 25 = 0.250" diameter</p>	<p>Specify Tip Configuration</p>  <p>G – Grounded G – Single, Grounded 2G – Dual, Grounded</p>  <p>GR – Grounded, Reduced</p>  <p>U – Ungrounded U – Single, Ungrounded 2U – Dual, Ungrounded</p>  <p>UR – Ungrounded, Reduced</p>  <p>B – Bare Wire</p> <p><i>Note: For more information on tip configurations, see page 23.</i></p>
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Special limits of error are designated by a double catalog letter, e.g. JJ.

Direct Mount
Progressive Description Example: J-SS12-U-B2(PG2BN) - 12.00"

--- Sensor Element
 --- 0.125" Stainless Steel Sheath
 --- Ungrounded Tip Configuration
 --- B2 Termination
 --- Mounting Style
 --- Length

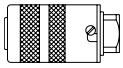


Adjustable Mount

Progressive Description Example: **J-SS12-U-B2-PG2AL-12.00"**

Sensor Element
0.125" Stainless Steel Sheath
Ungrounded Tip Configuration
B2 Termination
Mounting Style
Length

Specify Termination Style



B2

- Standard 2-wire
- Maximum service temperature is 200° F (93.3° C) with grommet and O-ring; 750° F (400° C) with grommet and O-ring removed

B4

- Standard 4-wire
- Maximum service temperature is 200° F (93.3° C) with grommet and O-ring; 750° F (400° C) with grommet and O-ring removed

For detailed descriptions of termination styles, see page 46.

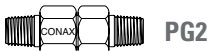
Specify Mounting Style

DIRECT MOUNT Packing Gland



- For 0.040", 0.062", 0.125" and 0.187" diameter sheath
- Stainless steel construction
- Mounting thread 1/8 NPT

- MPGBL** – Lava sealant
- MPGBT** – Teflon sealant
- MPGBN** – Neoprene sealant
- MPGBV** – Viton sealant
- MPGBG** – Grafoil sealant



- For 0.125", 0.187" and 0.250" diameter sheath
- Stainless steel construction
- Mounting thread 1/4 NPT

- PG2BL** – Lava sealant
- PG2BT** – Teflon sealant
- PG2BN** – Neoprene sealant
- PG2BV** – Viton sealant
- PG2BG** – Grafoil sealant



- For 0.125", 0.187" & 0.250" diameter sheath
- 316 stainless steel construction
- Mounting thread 1/4 NPT
- Sheath welded to fitting

ADJUSTABLE MOUNT (optional) Packing Gland



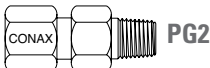
- For 0.040" and 0.062" diameter sheath
- Stainless steel construction
- Mounting thread 1/16 NPT

- MICAL** – Lava sealant
- MICAT** – Teflon sealant
- MICAG** – Grafoil sealant
(not available for 0.040" diameter)



- For 0.040", 0.062", 0.125" and 0.187" diameter sheath
- Stainless steel construction
- Mounting thread 1/8 NPT

- MPGAL** – Lava sealant
- MPGAT** – Teflon sealant
- MPGAN** – Neoprene sealant
- MPGAV** – Viton sealant
- MPGAG** – Grafoil sealant



- For 0.125", 0.187" and 0.250" diameter sheath
- Stainless steel construction
- Mounting thread 1/4 NPT

- PG2AL** – Lava sealant
- PG2AT** – Teflon sealant
- PG2AN** – Neoprene sealant
- PG2AV** – Viton sealant
- PG2AG** – Grafoil sealant

Specify Length in Inches (required)



- For 0.250" diameter sheath
- Stainless steel construction
- Mounting thread 1/2 NPT

- PG4AL** – Lava sealant
- PG4AT** – Teflon sealant
- PG4AN** – Neoprene sealant
- PG4AV** – Viton sealant
- PG4AG** – Grafoil sealant

Midlock Gland



- For 0.062" diameter sheath
- Stainless steel construction
- Stainless steel ferrule
- Mounting thread 1/8 NPT



- For 0.125" diameter sheath
- Stainless steel construction
- Stainless steel ferrule
- Mounting thread 1/8 NPT



- For 0.187" diameter sheath
- Stainless steel construction
- Stainless steel ferrule
- Mounting thread 1/8 NPT



- For 0.250" diameter sheath
- Stainless steel construction
- Stainless steel ferrule
- Mounting thread 1/4 NPT

Note: For sealant material details, see page 37.