

SANITARY THERMOCOUPLE ASSEMBLIES

Heavy-Duty—With Integral Cable



TCS-H-CB-120 Series



All Models

For Use in CIP and Sanitary Processes

- ✓ Heavy-Duty Probe Design With Stepped Probe Stem for Additional Strength
- ✓ 1½" 16 AMP Tri-Grip™ (Tri-Clamp® Compatible) Fitting Standard
- ✓ 10' (120") PFA Insulated Cable with Strain Relief
- ✓ 316L SS Wetted Surfaces with 32 µin or Better Finish
- ✓ Ungrounded J, K, T or E Thermocouple, Special Limits of Error
- ✓ -50 to 200°C (-58 to 392°F) Temperature Range

Options

- ✓ Fitting Styles
- ✓ Probe Lengths
- ✓ Cable Lengths

The OMEGA® TCS-H-CB-120 Series thermocouple probe assemblies are available in standard lengths from 3 to 6", with an ungrounded thermocouple probe with special limits of error. Standard probes are available in J, K, T and E calibrations. These heavy-duty probes have a 3/8" diameter, which steps down to a 3/16" diameter at the probe tip, for fast response and additional strength. 10' (120") of PFA insulated and jacketed cable with strain relief is standard. Please consult sales for available options, including probe lengths, cable lengths and sanitary fitting styles.



TCS-TU-H-0300-D1-CB-120, \$150, shown smaller than actual size.

MOST POPULAR MODEL HIGHLIGHTED!

To Order (Specify Model Number)				
Model No.		Thermocouple Calibration	Sheath Diameter**	Probe Length
TCS-(*)U-H-0300-D1-CB-120		J, K, T or E	3/8"	3"
TCS-(*)U-H-0400-D1-CB-120		J, K, T or E	3/8"	4"
TCS-(*)U-H-0500-D1-CB-120		J, K, T or E	3/8"	5"
TCS-(*)U-H-0600-D1-CB-120		J, K, T or E	3/8"	6"

* Specify calibration: J, K, T or E

** 3/8" diameter stepped down to 3/16" at the probe tip.

For lengths longer than 6", change "0300" in model number to the required length (12" = 1200, 9¼" = 0925)

Ordering Example: TCS-TU-H-0600-D1-CB-120, Type "T" ungrounded thermocouple, heavy-duty design with 3/8" step-down diameter, 6" length, with 1½" 16 AMP flange and 10' (120") cable with molded strain relief.



SANITARY THERMOCOUPLE ASSEMBLIES

Standard Duty—With Integral Cable

TCS-S-CB-120 Series



All Models

- ✓ Standard Duty 1/4" Probe Diameter
- ✓ 1 1/2" 16 AMP Tri-Grip™ (Tri-Clamp® Compatible) Fitting Standard
- ✓ 10' (120") PFA Insulated Cable with Strain Relief
- ✓ 316L SS Wetted Surfaces with 32 µin or Better Finish
- ✓ Ungrounded J, K, T or E Thermocouple, Special Limits of Error
- ✓ -50 to 200°C (-58 to 392°F) Temperature Range

Options

- ✓ Fitting Styles
- ✓ Probe Lengths
- ✓ Cable Lengths

The OMEGA® TCS-S-CB-120 Series thermocouple probe assemblies are available in standard lengths from 3 to 6", with an ungrounded thermocouple probe with special limits of error. Standard probes are available in J, K, T and E calibrations. Standard features include a 1 1/2" 16 AMP Tri-Grip™ fitting, and 10' (120") of PFA insulated and jacketed cable with strain relief. Please consult sales for available options, including probe lengths, cable lengths and sanitary fitting styles.



MOST POPULAR MODEL HIGHLIGHTED!

To Order (Specify Model Number)				
Model No.		Thermocouple Calibration	Sheath Diameter	Probe Length
TCS-(*)U-S-0300-D1-CB-120		J, K, T or E	1/4"	3"
TCS-(*)U-S-0400-D1-CB-120		J, K, T or E	1/4"	4"
TCS-(*)U-S-0500-D1-CB-120		J, K, T or E	1/4"	5"
TCS-(*)U-S-0600-D1-CB-120		J, K, T or E	1/4"	6"

* Specify calibration: J, K, T or E

To order with longer cable lengths, change model number suffix from "-120" to desired length in inches.

For lengths longer than 6", change "0300" in model number to the required length (12" = 1200, 9 1/4" = 0925)

Ordering Example: TCS-TU-S-0600-D1-CB-120, Type "T" ungrounded thermocouple, 1/4" diameter, 6" length, with 1 1/2" 16 AMP flange and 10' (120") cable with molded strain relief.

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