

# Sanitary Thermocouple Assemblies

## Standard Duty With Integral Cable

TCS-S-CB-120 Series

**\$120**  
All Models



See A-156 For  
Additional Flange  
Sizes

- ✓ 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 and Stripped Leads
- ✓ 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.

1/4" diameter.

Probe length

For Use in  
CIP and Sanitary  
Processes

TCS-JU-S-0300-D1-CB-120, \$120,  
shown actual size.

10' (120") of PFA insulated and jacketed #24 AWG thermocouple cable standard.

For Complete  
Product Line Visit  
[omega.com/sanitary](http://omega.com/sanitary)

Integral cable with nylon cable clamp.

316L SS 1 1/2" 16 AMP Tri-Grip™ cap standard.

**NEW**

**MOST POPULAR MODEL HIGHLIGHTED!**

### To Order (Specify Model Number)

Model No.	Price	Thermocouple Calibration	Sheath Diameter	Probe Length
TCS-(*)JU-S-0300-D1-CB-120	\$120	J, K, T or E	1/4"	3"
TCS-(*)JU-S-0400-D1-CB-120	120	J, K, T or E	1/4"	4"
TCS-(*)JU-S-0500-D1-CB-120	120	J, K, T or E	1/4"	5"
TCS-(*)JU-S-0600-D1-CB-120	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, and add \$1 per additional foot to price. For lengths longer than 6", change "0300" in model number to the required length (12" = 1200, 9 1/4" = 0925) and add \$1 per additional inch to price.

**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, \$120.

# Sanitary Thermocouple Assemblies

## Heavy-Duty With Integral Cable

TCS-H-CB-120 Series

**\$150**

All Models



**For Use in  
CIP and Sanitary  
Processes**

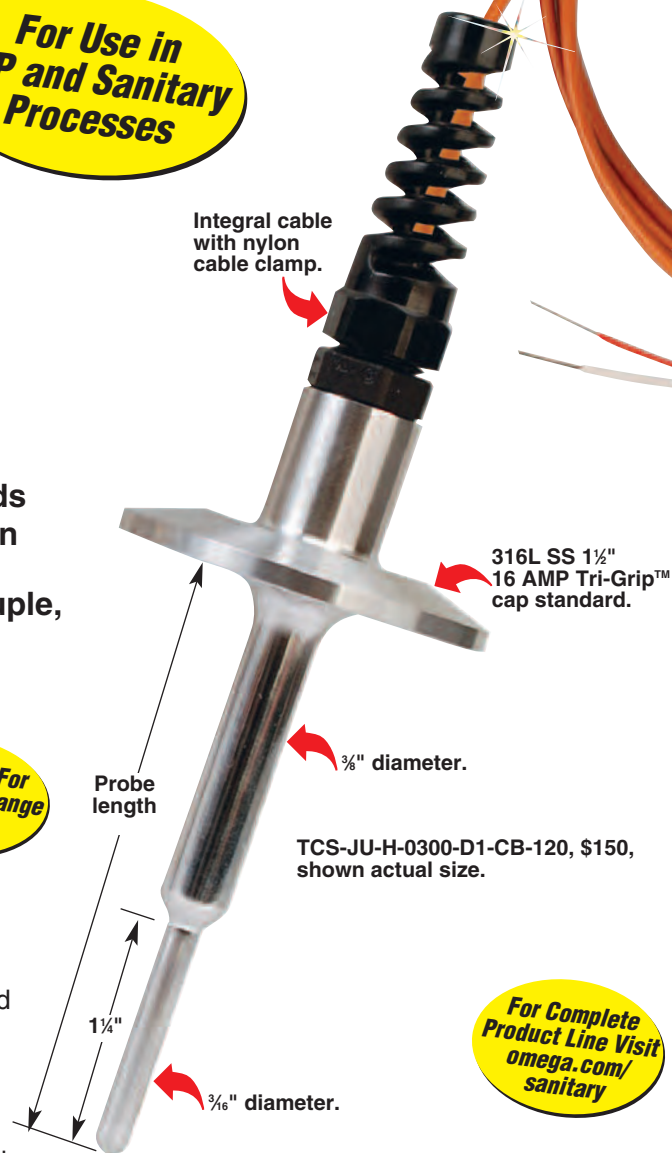
- ✓ Heavy-Duty Probe Design with Stepped Probe Stem for Additional Strength
- ✓ 1½" 16 AMP Tri-Grip™ (Tri-Clamp® Compatible) Fitting Standard
- ✓ 10' (120") PFA Insulated Cable with Strain Relief and Stripped Leads
- ✓ 316L SS Wetted Surfaces with 32 µin or Better Finish
- ✓ Ungrounded J, K, T or E Thermocouple, 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.

**See A-156 For  
Additional Flange  
Sizes**



10' (120") of PFA insulated and jacketed #24 AWG thermocouple cable standard.

Integral cable with nylon cable clamp.

316L SS 1½" 16 AMP Tri-Grip™ cap standard.

3/8" diameter.

TCS-JU-H-0300-D1-CB-120, \$150, shown actual size.

3/16" diameter.

**For Complete  
Product Line Visit  
omega.com/  
sanitary**

**MOST POPULAR MODEL HIGHLIGHTED!**

### To Order (Specify Model Number)

Model No.	Price	Thermocouple Calibration	Sheath Diameter**	Probe Length
TCS-(*)U-H-0300-D1-CB-120	\$150	J, K, T or E	3/8"	3"
TCS-(*)U-H-0400-D1-CB-120	150	J, K, T or E	3/8"	4"
TCS-(*)U-H-0500-D1-CB-120	150	J, K, T or E	3/8"	5"
TCS-(*)U-H-0600-D1-CB-120	150	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) and add \$2.50 per additional inch to price.

**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, \$150.



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