Assemblies

Heavy-Duty With Integral Cable

TCS-H-CB-120 Series

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

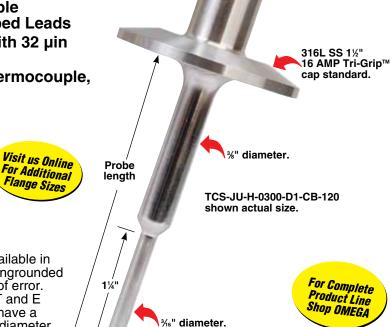
Ungrounded J, K, T or E Thermocouple, Special Limits of Error

-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 %" diameter, which steps down to a %6" 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.



Integral cable with nylon cable clamp.

10' (120") of PFA insulated and jacketed #24 AWG

thermocouple cable standard.

To Order			
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.

For lengths longer than 6", change "0300" in model number to the required length (12" = 1200, $9\frac{1}{4}$ " = 0925) for an additional cost per additional inch.

Ordering Example: TCS-TU-H-0600-D1-CB-120, Type "T" ungrounded thermocouple, heavy-duty design with 3/6" step-down diameter, 6" length, with 11/2" 16 AMP flange and 10' (120") cable with molded strain relief.

^{**} $\frac{3}{6}$ " diameter stepped down to $\frac{3}{6}$ " at the probe tip.