

# Sanitary Thermistor Probes

## Heavy-Duty—With Integral Cable



**For Use in  
CIP and Sanitary  
Processes**

### THS-H-CB-120 Series

- ✓ Heavy-Duty Probe Design with Stepped Probe Stem for Additional Strength
- ✓ 1½" 16 AMP Tri-Grip™ (Tri-Clamp® Compatible) Fitting Standard
- ✓ 3 m (10') of 2-Conductor 26 AWG Stranded Nickel Plated Copper, PFA Insulated and Jacketed Cable with Strain Relief Standard
- ✓ 316L SS Wetted Surfaces with 32 µin or Better Finish
- ✓ 10k Thermistor Element (44006) Standard
- ✓ -80 to 150°C (-112 to 302°F) Temperature Range

### Options

- ✓ Fitting Styles
- ✓ Probe Lengths
- ✓ Thermistor Elements
- ✓ Cable Lengths

The OMEGA® THS-H-CB-120 Series thermistor probe assemblies are available in standard lengths from 3 to 6", with standard 10 kΩ (44006) thermistor element. These heavy-duty probes have a 3/8" diameter, which steps down to a 5/16" diameter at the probe tip, for fast response and additional strength. Standard features include a 1½" 16 AMP Tri-Grip™ fitting and 3 m (10') of PFA insulated and jacketed cable with strain relief. Please consult sales for available options, including element types and curves, probe lengths, protection heads and sanitary fitting styles.

### Element Options

Sensor Code	Resistance @ 25°C	Element Series
2K	2252 Ω	44004
3K	3000 Ω	44005
5K	5000 Ω	44007
30K	30,000 Ω	44008

For other thermistor elements, change the model number from "10K" to the desired sensor code as shown in the table above, no additional cost.

**32 µin  
Finish**

THS-10K-H-0300-D1-CB-120  
shown actual size.



### To Order Visit [omega.com/th-s-h-cb](http://omega.com/th-s-h-cb) for Pricing and Details

Model No.	Resistance at 25°C	Element Series	Interchangeability (0 to 70°C)	Sheath Diameter	Probe Length
THS-10K-H-0300-D1-CB-120	10,000 Ω	44006	±0.2°C	¼"	3"
THS-10K-H-0400-D1-CB-120	10,000 Ω	44006	±0.2°C	¼"	4"
THS-10K-H-0500-D1-CB-120	10,000 Ω	44006	±0.2°C	¼"	5"
THS-10K-H-0600-D1-CB-120	10,000 Ω	44006	±0.2°C	¼"	6"

For probe lengths longer than 6", change "-0600" in model number to the required length (example: 12" = "-1200", 9¼" = "-0925") for an additional cost.

For cable lengths longer than 3 m (10'), change the "-120" in model number to the desired length in inches, for an additional cost.

**Ordering Examples:** THS-10K-H-0400-D1-CB-120, 10,000 Ω thermistor sensor, 1½" 16 AMP Tri-Grip™ fitting, 4" length, heavy-duty probe, 3 m (10') PFA insulated/jacketed cable.

THS-10K-H-0400-D1-CB-144, 10,000 Ω thermistor sensor, 1½" 16 AMP Tri-Grip™ fitting, 4" length, heavy-duty probe, 3.6 m (144") PFA insulated/jacketed cable.