

# Intergal Cable 10,000Ω Thermistor Sanitary Probes

MHS-H-CB Series

## Features

- 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 MHS-H-CB 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 ¾" diameter, which steps down to a ⅜" 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.

For Use in CIP & Sanitary Processes

Integral cable with nylon cable clamp.

### 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.

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

¾" diameter.

Probe length

1¼"

⅜" diameter.

32 µin Finish

MHS-H-CB Series shown smaller than actual size.

## To Order

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