## M12 Connector 10,000Ω Thermistor 3-A Sanitary Probes

### **MHS-S-M12 Series**

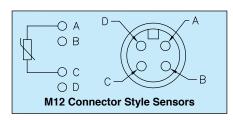
## **Features**

- Heavy-Duty Probe Design with Stepped Probe Stem for Additional Strength
- 1<sup>1</sup>/<sub>2</sub>" 16 AMP Tri-Grip (Tri-Clamp Compatible) Fitting Standard
- 4-Pin M12 Male Connector 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

The MHS-S-M12 Series thermistor probe assemblies are available in standard lengths from 3 to 6", with standard 10 k $\Omega$  (44006) thermistor element. 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. Standard features include a  ${}^{1}/{}_{2}{}^{"}$  16 AMP Tri-Grip fitting and a 4-pin M12 male connector termination. Please consult sales for available options, including element types and curves, probe lengths, protection heads and sanitary fitting styles.



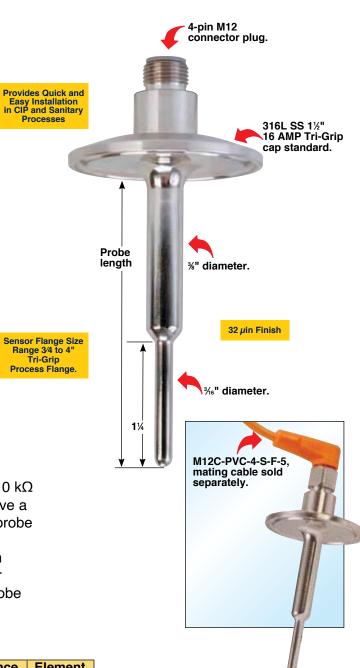
Dpstar Group

Element Options					
Sensor Code	Resistance @ 25°C	Element Series			
2K	2252 Ω	44004			
ЗK	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.

**MALTEC** 

To Order					
Model Number	Resistance at 25°C	Element Series	Interchangeability (0 to 70°C)	Sheath Diameter	Probe Length
MHS-10K-H-0300-D1-M12	10,000 Ω	44006	±0.2°C	1/4"	3"
MHS-10K-H-0400-D1-M12	10,000 Ω	44006	±0.2°C	1/4"	4"
MHS-10K-H-0500-D1-M12	10,000 Ω	44006	±0.2°C	1/4"	5"
MHS-10K-H-0600-D1-M12	10,000 Ω	44006	±0.2°C	1/4"	6"



## **M12 Connector 10,000** Thermistor **3-A Sanitary Probes**

#### MHS-H-M12 Series

316L SS 1 16 AMP Tri-Grip

cap standard.

# 4-pin M12 connector plug. **Provides Quick and** Standard Duty 1/4" Probe Diameter Easy Installation in CIP and Sanitary Probe Stem for Additional Strength Processes • 1<sup>1</sup>/<sub>2</sub>" 16 AMP Tri-Grip (Tri-Clamp 4-Pin M12 Male Connector Standard 316L SS Wetted Surfaces with 32 μin • 10k Thermistor Element (44006) Standard Probe length ¼" diameter. 32 µin Finish Sensor Flange Size Range 3/4 to 4' **Tri-Grip** Process Flange. 3/6" diameter. M12C-PVC-4-S-F-5, mating cable sold separately. **Element Options**

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

Sheath

Diameter

1⁄4"

1⁄4"

1⁄4"

1⁄4"

Probe

Length

3"

4"

5"

6"

**MALTEC** 

#### -80 to 150°C (-112 to 302°F)

or Better Finish

**Features** 

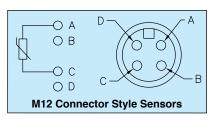
**Temperature Range** 

Compatible) Fitting Standard

### Options

- Fitting Styles
- Probe Lengths
- Thermistor Elements

The MHS-H-M12 Series thermistor probe assemblies are available in standard lengths from 3 to 6", with standard 10 k $\Omega$ (44006) thermistor element. Standard features include a 11/2" 16 AMP Tri-Grip fitting and a 4-pin M12 male connector termination. Please consult sales for available options, including element types and curves, probe lengths, protection heads and sanitary fitting styles.



To Order

**Model Number** 

MHS-10K-S-0300-D1-M12

MHS-10K-S-0400-D1-M12

MHS-10K-S-0500-D1-M12

MHS-10K-S-0600-D1-M12

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

Element

**Series** 

44006

44006

10,000 Ω 44006 ±0.2°C 10,000 Ω 44006 ±0.2°C

Interchangeability

(0 to 70°C)

±0.2°C

±0.2°C



Resistance

at 25°C

10,000 Ω

10,000 Ω