# Unique Surface Probes

## Model No. 88222(*)

Right-angle probe ideal for measuring moving or rotating surfaces. Can be used in paper, fiber, printing, iron and steel industries. Max surface temperature of 250°C (480°F).

*Replacement elements not included, to purchase additional elements order* ***Model No. 88222(*)-RE***

## Model No. 88223(*)

Surface probe designed for measuring moving or rotating surfaces. Ideal for surfaces perpendicular to the probe handle. Max surface temperature of 250°C (480°F).

*Replacement elements not included, to purchase additional elements order* ***Model No. 88223(*)-RE***

**Model 98221K shown.**

**TAS adaptor**

**All models supplied with a molded SMP or SMPW subminiature male connector. TAS adapter sold separately.**

## Model No. 88221(*)

## Model No. 98221(*) with Swivel Head

Ideal for measurements of moving or stationary flat, smooth surfaces. Max surface temperature of 250°C (480°F) allows for use on both metal and plastic surfaces. Surface velocity of moving surfaces should not exceed 90 m (300') per minute.

*Replacement elements not included, to purchase additional elements order* ***Model No. 88221(*)-RE***

| Adaptor Sold Separately |
|---|
| TAS-K-3 |
| TAS-E-3 |

**All the probes in this series meet the Standard Limits of Error.**

**All models shown smaller than actual size.**

## Model No. 88220(*)

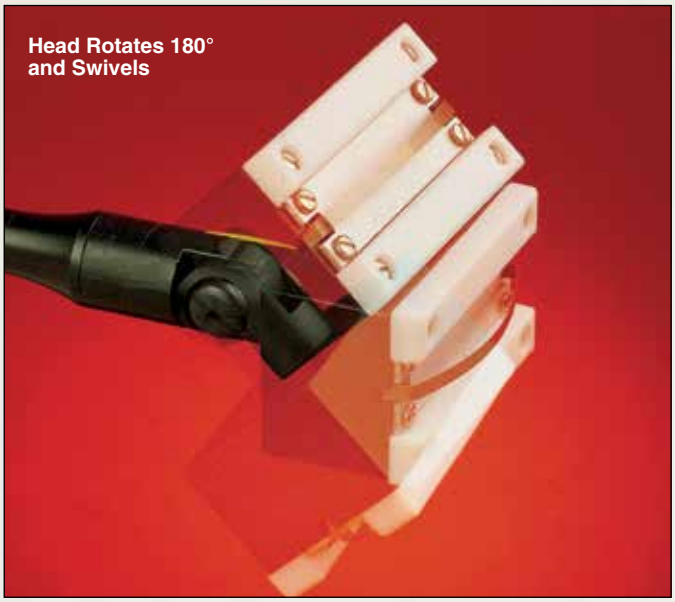
## Model No. 98220(*) with Swivel Head

**Visit us online for dimensions.**

**Unique swivel head design available 98000 probes.**

Ideal for measuring the temperature of rollers 100 to 152 mm (4 to 6") in diameter, with velocities to 61 m (200') per minute. Max surface temperature of 250°C (480°F).

*Replacement elements not included, to purchase additional elements order* ***Model No. 88220(*)-RE***




***Ordering Example: 98220E****, Type E (CHROMEGA™-Constantan) Surface probe with swivel head, rated to 250°C (480°F).* ***88222K****, Type K (CHROMEGA™-ALOMEGA) Right-angle surface probe, rated to 250°C (480°F).*

**TAS adaptor**
**All models supplied with a molded SMP or SMPW subminiature male connector. TAS adapter sold separately.**

| Adaptor Sold Separately |
|---|
| TAS-K-3 |
| TAS-E-3 |

## Model No. 88224(*)

Right-angle probe for rotating rollers from 100 to 152 mm (4 to 6") in diameter. Max surface temperature of 250°C (480°F).

*Replacement elements not included, to purchase additional elements order* ***Model No. 88224(*)-RE***

## Model No. 88226(*)

## Model No. 98226(*)with Swivel Head

Right-angle probe for rotating rollers of 152 to 300 mm (6 to 12") in diameter. 61 m (200') per minute max velocity, with 250°C (480°F) max surface temperature.

*Replacement elements not included, to purchase additional elements order* ***Model No. 88226(*)-RE***

## Model No. 98225(*) with Swivel Head

Right-angle probe for rotating rollers of 300 to 584 mm (12 to 23") in diameter. 30 m (100') per minute max velocity, with 250°C (480°F) max surface temperature.

*Replacement elements not included, to purchase additional elements order* ***Model No. 88225(*)-RE***

## Model No. 88225(*)

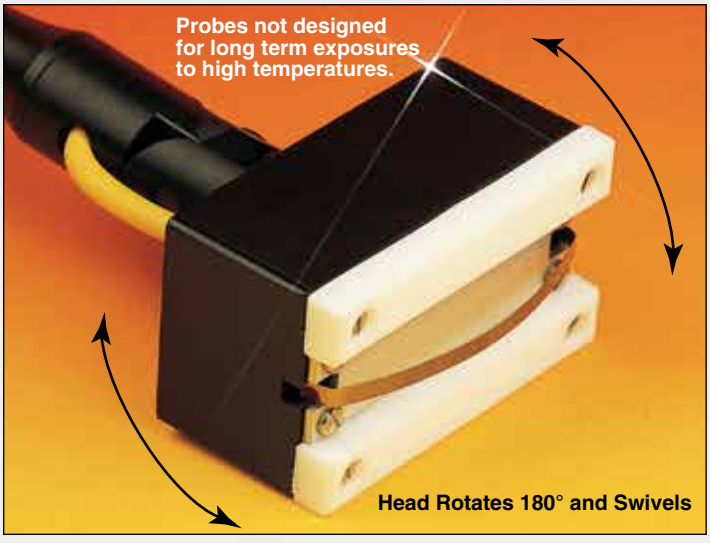
**All models shown smaller than actual size.**

**Now Available!**
**M8/M12 CONNECTORS**

**** Specify Calibration:***
***K:*** *CHROMEGA™-ALOMEGA™*
***E:*** *CHROMEGA™-Constantan*

*For a male straight M8 plug add* ***"M8-S-M"*** *to the model number for additional cost, for a male straight M12 plug add* ***"M12-S-M"*** *to the model number for additional cost.*

*For a male right-angled M8 plug add* ***"M8-R-M"*** *to the model number for additional cost, for a male right-angled M12 plug add* ***"M12-S-M"*** *to the model number for additional cost.*




## Model No. 88227(*)

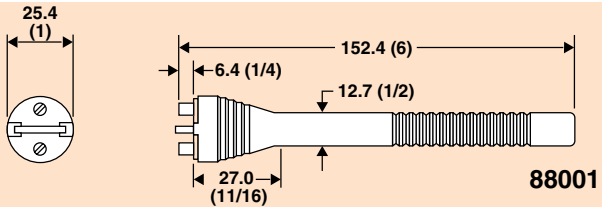
## Model No. 98227(*) with Swivel Head

For surface measurements with end braces to minimize flexing due to a moving surface; this also prolongs probe life. PFA sliders ensure smooth operation on both metal and plastic surfaces. 61 meters (200') per minute max velocity, 250°C (480°F) max surface temperature.

***Ordering Example: 98227K*** *is a model 98227 swivel head surface probe in Type K thermocouple.*

*Replacement elements not included, to purchase additional elements order* ***Model No. 88227(*)-RE***

# Unique Surface Probes Series 88000

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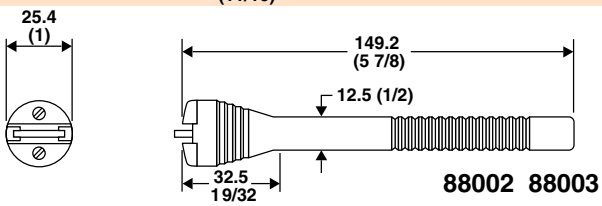


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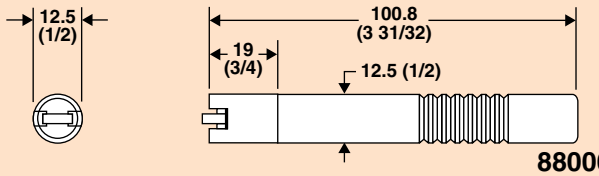


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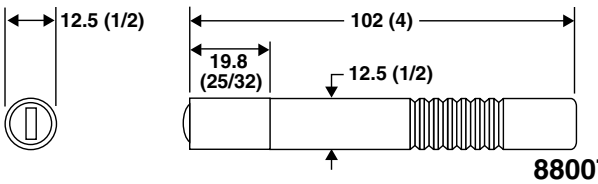


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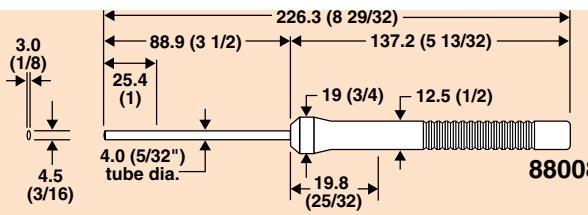


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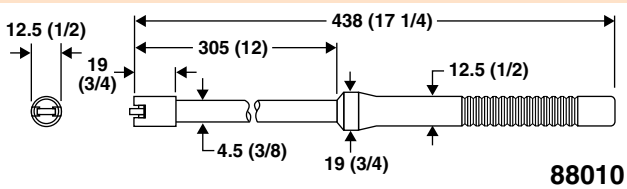


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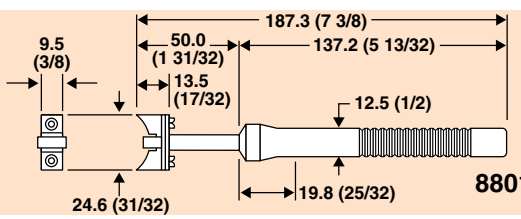


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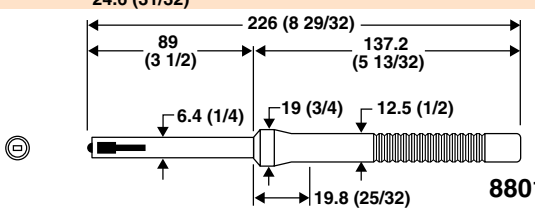


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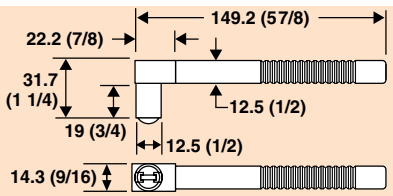


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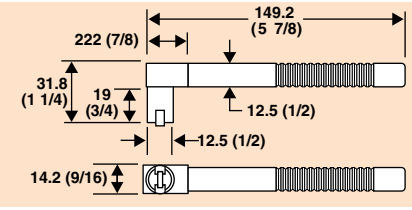


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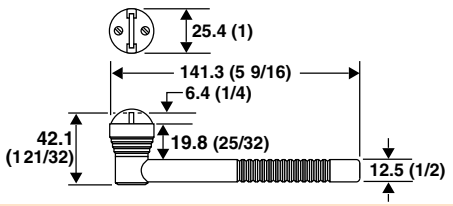


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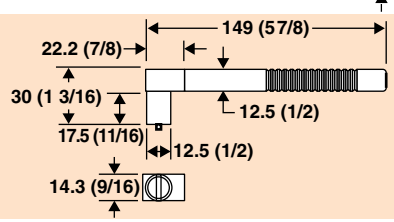


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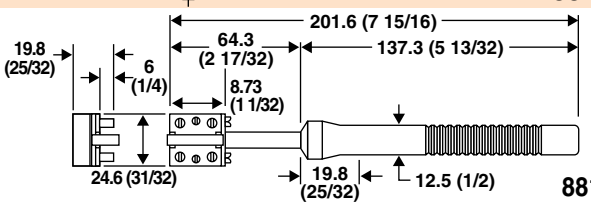


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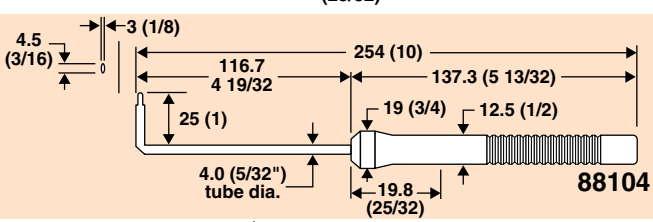


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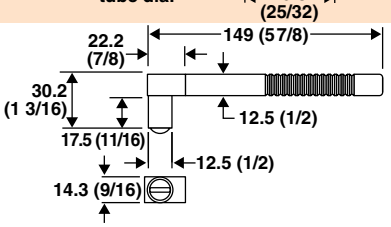


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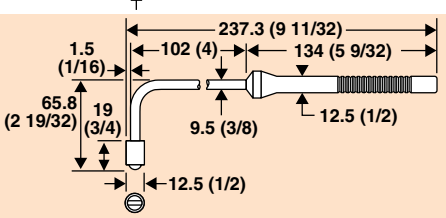


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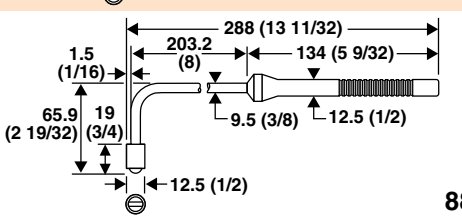
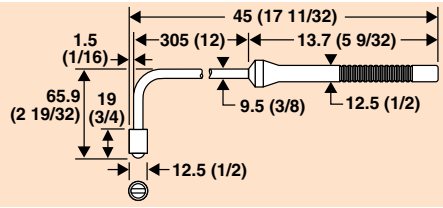



88107

**Dimensions: mm (in)**

# Unique Surface Probes Series 88000/98000

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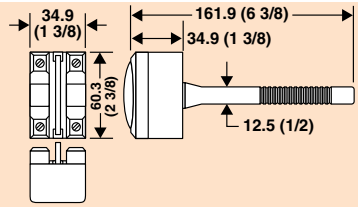
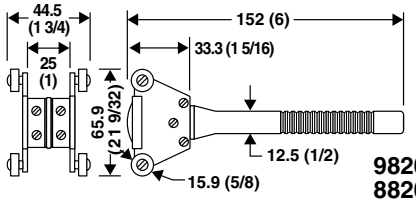



98225 Swivel
88225




98201 Swivel
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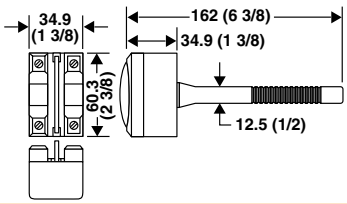


98226 Swivel
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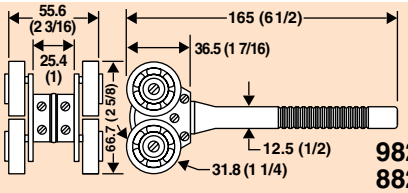


98202 Swivel
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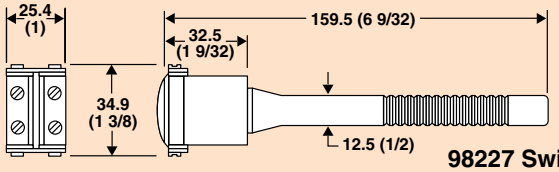


98227 Swivel
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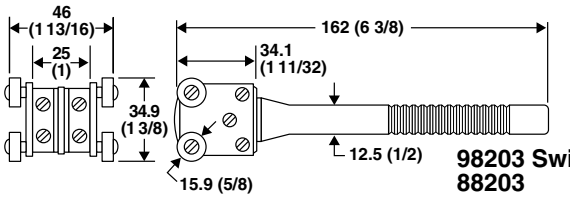


98203 Swivel
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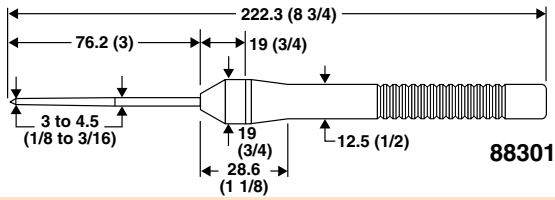


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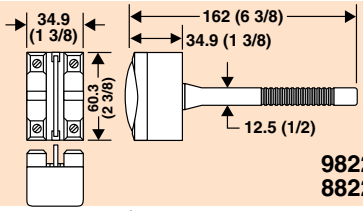


98220 Swivel
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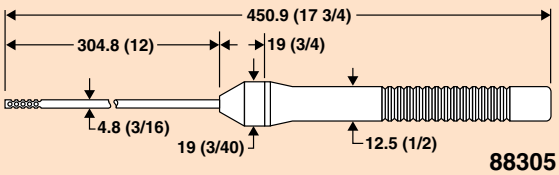


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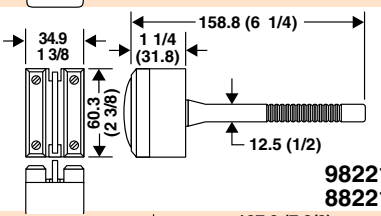


98221 Swivel
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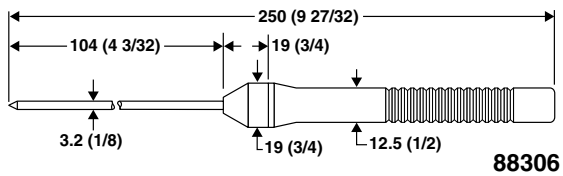


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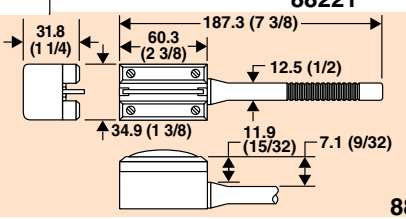


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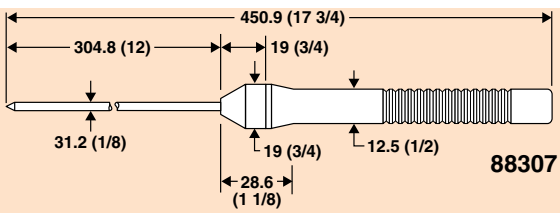


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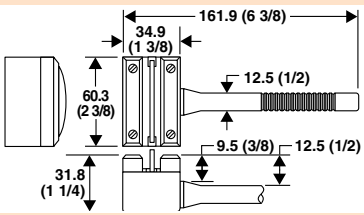


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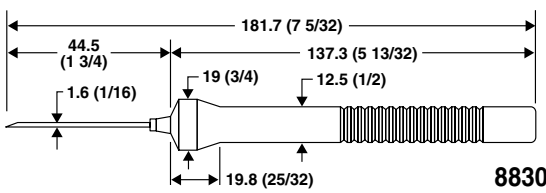


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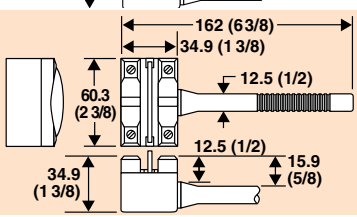
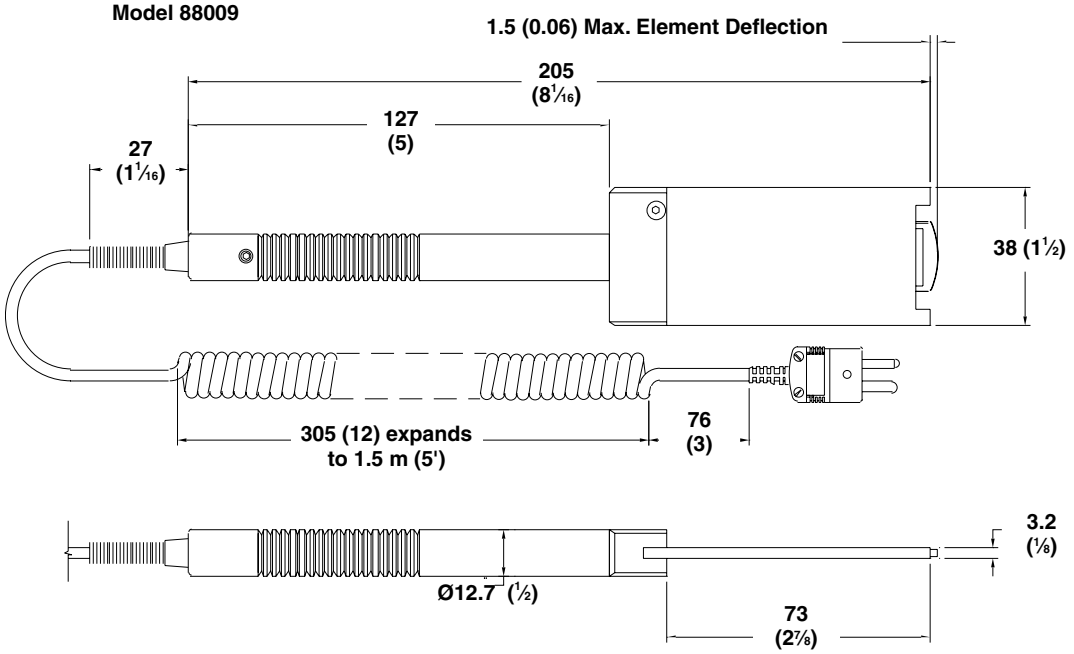



88224

**Dimensions: mm (in)**

**Dimensions: mm (inches)**

**Model 88009**

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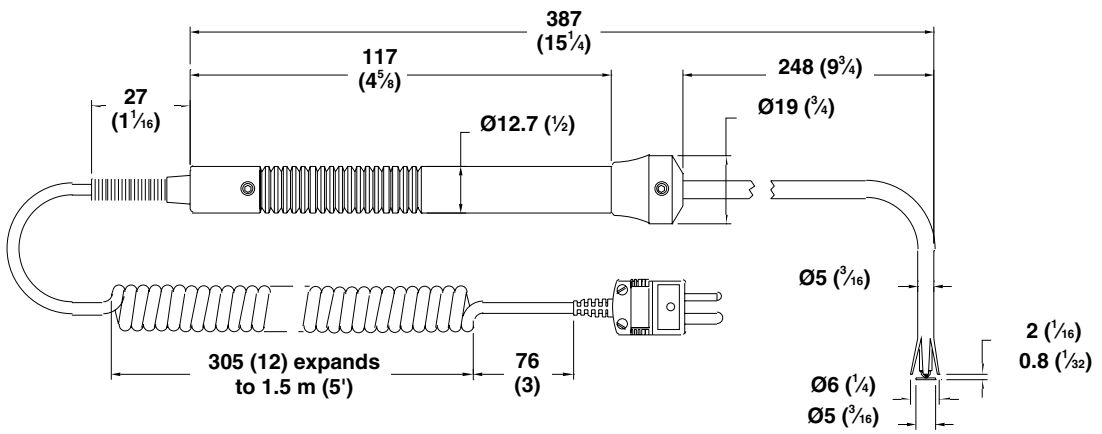

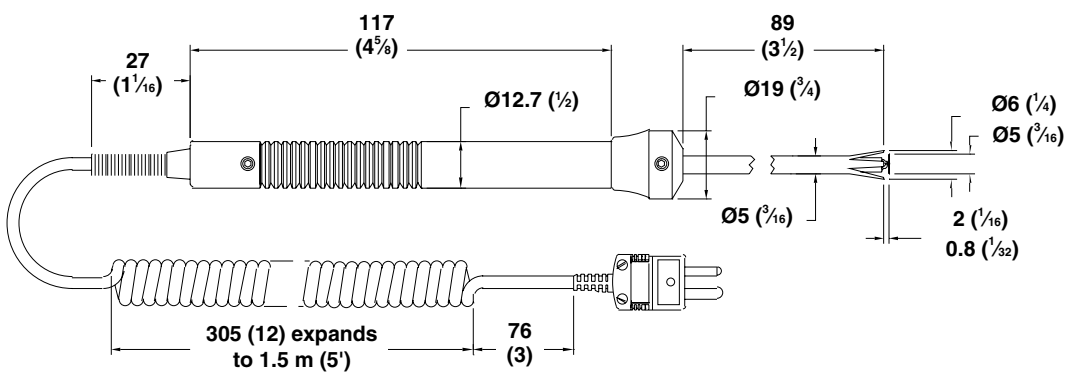
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