



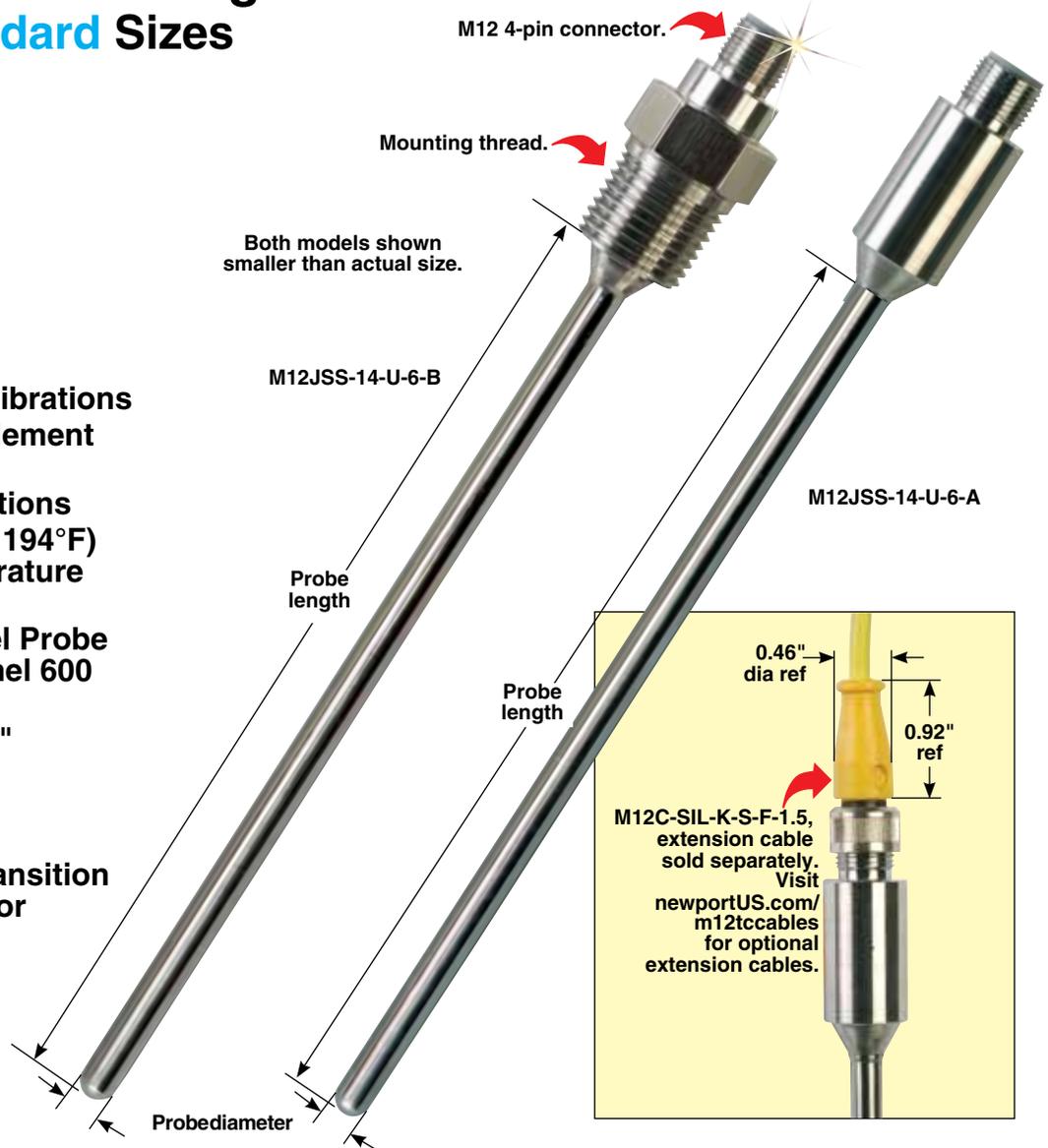
Thermocouple Probes

With Mounting Threads and M12 Connectors

Standard Sizes

M12 Series

- ✔ Type J and K Thermocouple Calibrations
- ✔ Single and Dual Element Configurations
- ✔ Ungrounded Junctions
- ✔ -50 to 90°C (-58 to 194°F) Connector Temperature Range
- ✔ 304 Stainless Steel Probe (Type J) and Inconel 600 Probe (Type K)
- ✔ Available in 1/8" or 1/4" Diameters
- ✔ Many Standard Lengths Available
- ✔ Stainless Steel Transition with M12 Connector



Standard

To Order Visit newportUS.com/m12probes for Pricing and Details

Model Number	Probe Length	Thermocouple Calibration	Sheath Material	Mounting Thread
M12JSS-(*)-U-6-A	6"	J	304 SST	None
M12JSS-(*)-U-6-B	6"	J	304 SST	1/2 NPT
M12JSS-(*)-U-6-C	6"	J	304 SST	3/8 NPT
M12JSS-(*)-U-6-D	6"	J	304 SST	1/4 NPT
M12KIN-(*)-U-6-A	6"	K	Inconel 600	None
M12KIN-(*)-U-6-B	6"	K	Inconel 600	1/2 NPT
M12KIN-(*)-U-6-C	6"	K	Inconel 600	3/8 NPT
M12KIN-(*)-U-6-D	6"	K	Inconel 600	1/4 NPT

(*) Insert probe diameter "18" for 1/8" or "14" for 1/4" diameter.

For dual element, add "-DUAL" to the model number and multiply price by.

For longer probe lengths add the required length in inches to the model number and an additional cost per inch to the price for Type J 304 SST, or add an additional cost per inch for Type K Inconel 600 sheaths.

Ordering Examples: M12JSS-18-U-6-B, Type J thermocouple, 1/8" diameter by 6" long with 304 stainless steel sheath, stainless steel transition with 1/2 NPT fitting and M12 connector.

M12KIN-14-U-6-C-DUAL, Type K ungrounded dual element thermocouple, 1/4" diameter by 6" long with Inconel 600 sheath, stainless steel transition with 3/8 NPT fitting and M12 connector.

Thermocouple Probes

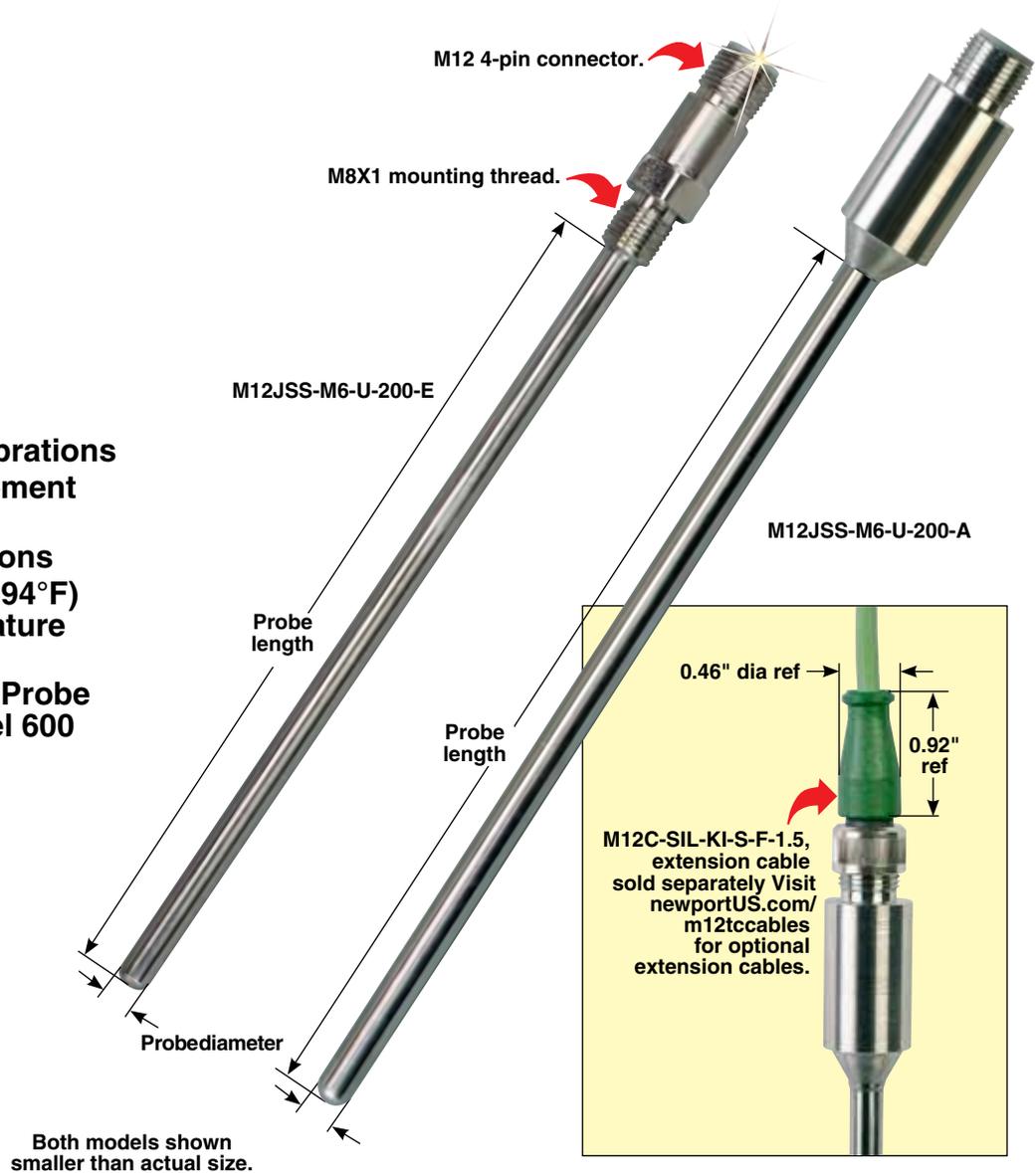
With M12 Molded Connectors

Metric Sizes



M12 Series

- ✓ Type J and K Thermocouple Calibrations
- ✓ Single and Dual Element Configurations
- ✓ Ungrounded Junctions
- ✓ -50 to 90°C (-58 to 194°F) Connector Temperature Range
- ✓ 304 Stainless Steel Probe (Type J) and Inconel 600 Probe (Type K)
- ✓ Imperial and Metric Diameters
- ✓ Many Standard Lengths Available



Metric

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Model Number	Probe Length	Thermocouple Calibration	Sheath Material	Mounting Thread
M12JSS-(*)-U-200-A	200 mm	J	304 SST	None
M12JSS-(*)-U-200-E	200 mm	J	304 SST	M8x1
M12JSS-(*)-U-200-F	200 mm	J	304 SST	M10x1
M12KIN-(*)-U-200-A	200 mm	K	Inconel 600	None
M12KIN-(*)-U-200-E	200 mm	K	Inconel 600	M8x1
M12KIN-(*)-U-200-F	200 mm	K	Inconel 600	M10x1

(*) Insert "M3" for 3 mm or "M6" for 6 mm probe diameter.

For dual elements, add "-DUAL" to model number for additional cost.

For longer lengths, enter the required length in millimeters to the model number and additional cost per 25 mm to the price for 304 SST sheathed Type J or additional cost per 25 mm for Inconel 600 sheathed Type K thermocouples.

Ordering Examples: M12JSS-M3-U-200-E, Type J thermocouple with 3 mm diameter, 200 mm long 304 stainless steel sheath, stainless steel transition and M12 connector.

M12KIN-M3-U-200-A-DUAL, dual element Type K thermocouple with 3 mm diameter, 200 mm long Inconel 600 sheath, stainless steel transition and M12 connector.