

Thermocouple Probes

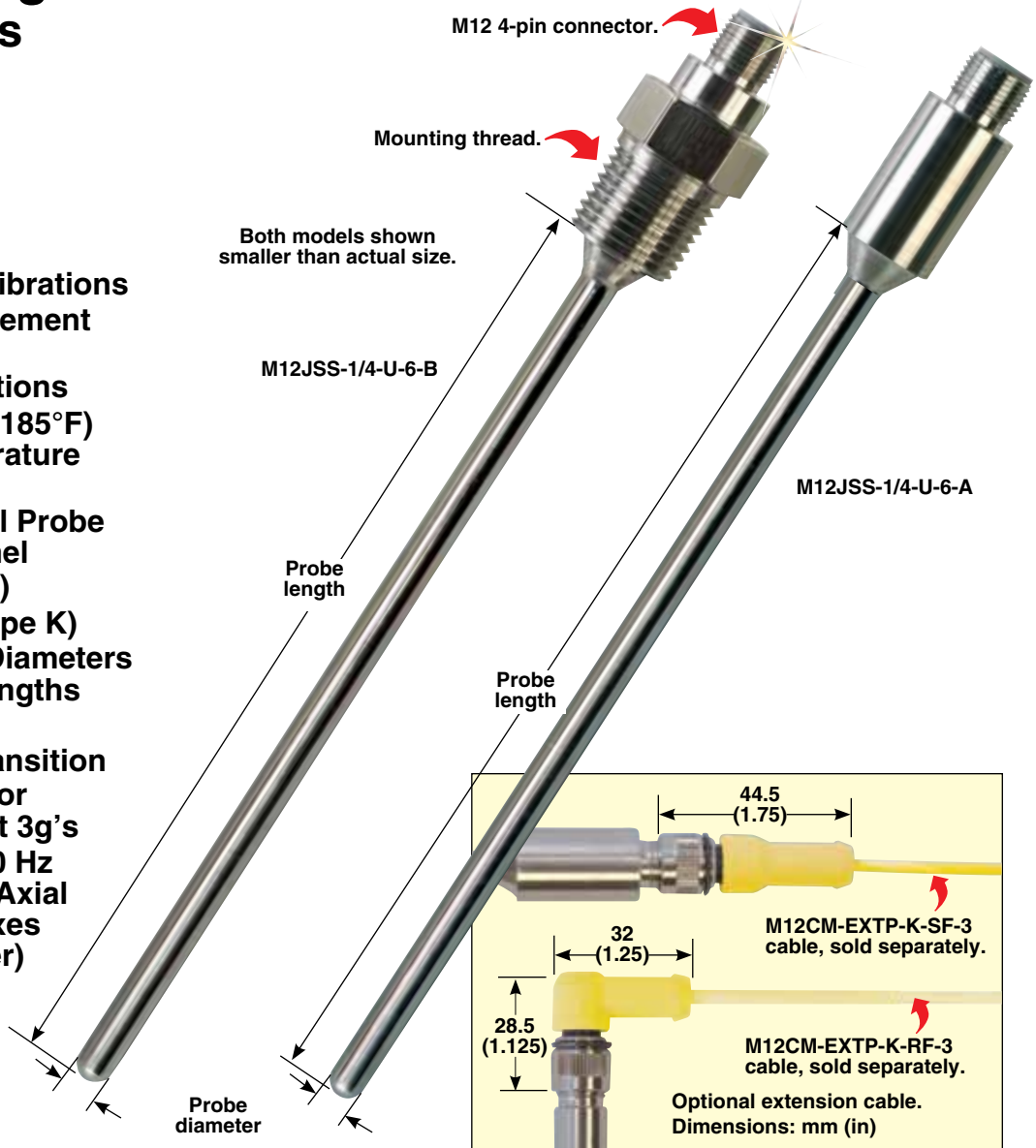
With Mounting Threads and M12 Connectors

Standard Sizes

M12 Series



- ✓ Type J and K Thermocouple Calibrations
- ✓ Single and Dual Element Configurations
- ✓ Ungrounded Junctions
- ✓ -50 to 85°C (-58 to 185°F) Connector Temperature Range
- ✓ 304 Stainless Steel Probe (Type J) and Inconel 600 Probe (Type K)
- ✓ Available in 1/8" (Type K) or 1/4" (Type J, K) Diameters
- ✓ Many Standard Lengths Available
- ✓ Stainless Steel Transition with M12 Connector
- ✓ Vibration Tested at 3g's Between 5 and 500 Hz for 3 Hours in the Axial and Transverse Axes (6" Long or Shorter)



Standard

To Order

Model Number	Probe Length	Thermocouple Calibration	Sheath Material	Mounting Thread
M12JSS-1/4-U-6-A	6"	J	304 SST	None
M12JSS-1/4-U-6-B	6"	J	304 SST	1/2 NPT
M12JSS-1/4-U-6-C	6"	J	304 SST	3/8 NPT
M12JSS-1/4-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 "1/8" for 1/8" or "1/4" for 1/4" diameter.

For dual element, add "-DUAL" to the model number (additional costs apply).

For longer probe lengths add the required length in inches to the model number (additional costs apply).

Ordering Examples: M12KSS-1/8-U-6-B, Type K thermocouple, 1/8" diameter by 6" long with 304 stainless steel sheath, stainless steel transition with 1/2 NPT fitting and M12 connector.

M12KIN-1/4-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

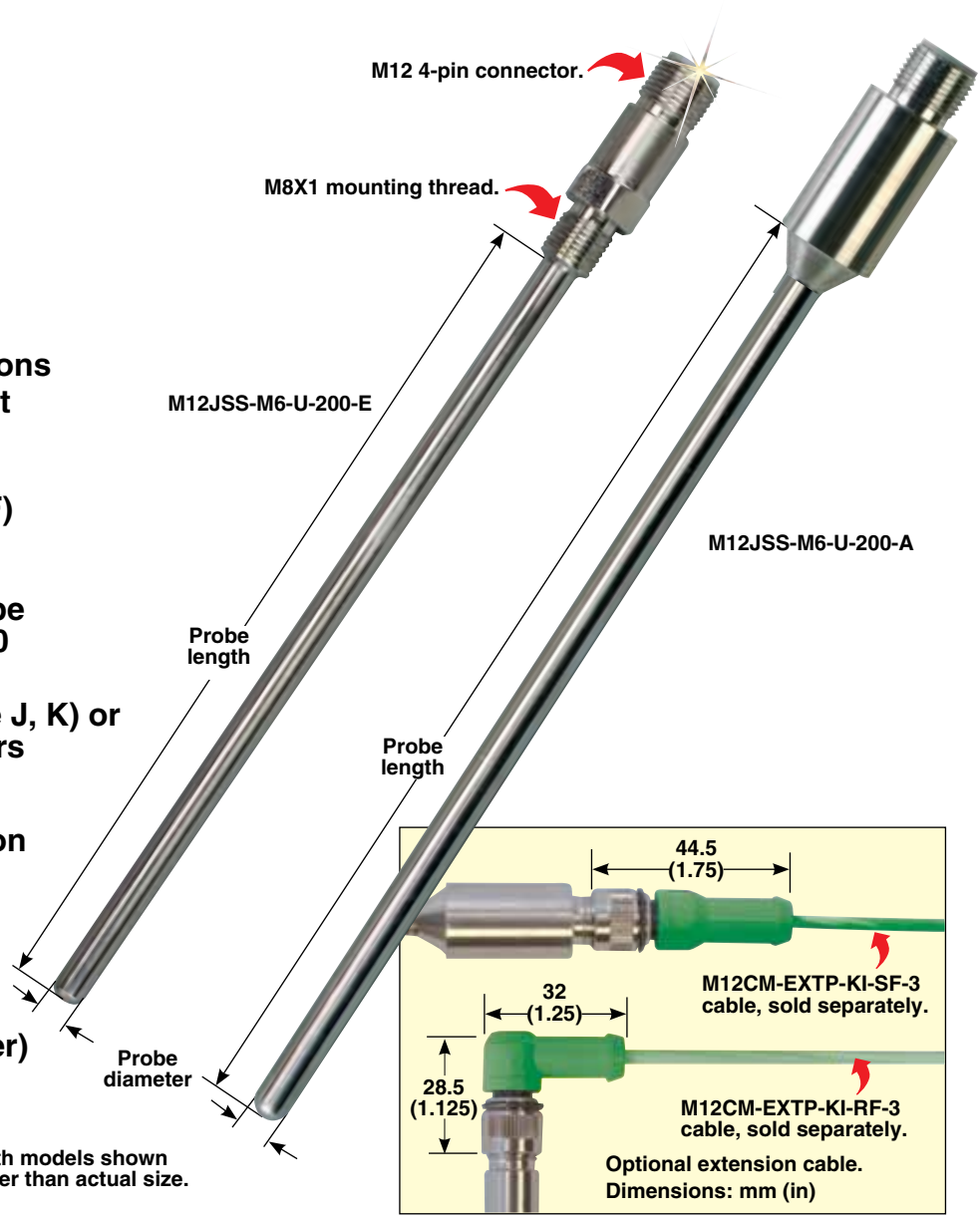
Metric Sizes

M12 Series



- ✓ Type J and K Thermocouple Calibrations
- ✓ Single and Dual Element Configurations
- ✓ Ungrounded Junctions
- ✓ -50 to 85°C (-58 to 185°F) Connector Temperature Range
- ✓ 304 Stainless Steel Probe (Type J) and Inconel 600 Probe (Type K)
- ✓ Available in 6 mm (Type J, K) or 3 mm (Type K) Diameters
- ✓ Many Standard Lengths Available
- ✓ Stainless Steel Transition with M12 Connector
- ✓ Vibration Tested at 3g's Between 5 and 500 Hz for 3 Hours in the Axial and Transverse Axes (150 mm Long or Shorter)

Both models shown smaller than actual size.



Metric

To Order				
Model Number	Probe Length	Thermocouple Calibration	Sheath Material	Mounting Thread
M12JSS-M6-U-200-A	200 mm	J	304 SST	None
M12JSS-M6-U-200-E	200 mm	J	304 SST	M8x1
M12JSS-M6-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

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

For longer lengths, enter the required length in millimeters to the model number (additional costs apply).

Ordering Examples: M12KSS-M3-U-200-E, Type K 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.

OE_DS-M12Probes

