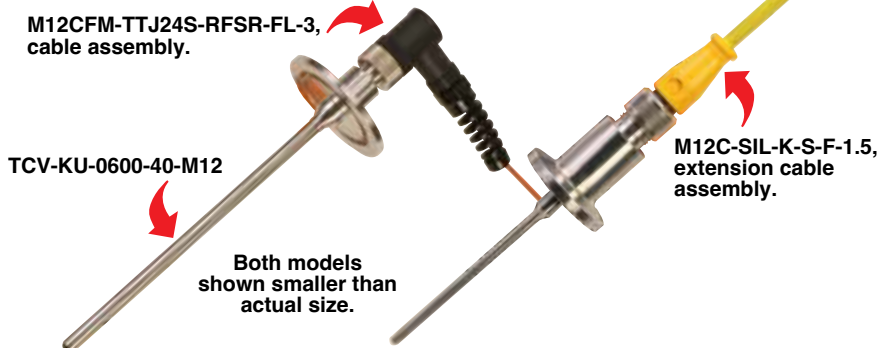


Vacuum Thermocouple Assemblies

KF Style Flange with M12 Connector

TCV-M12 Series

- ✓ ISO 2861 KF Fittings
Standard Size #25 and #40
- ✓ #25 and #40 Flanged Sensors Have 1/4" Diameter Probes
- ✓ M12 Connector with Thermocouple Pins
- ✓ 304 Stainless Steel Construction
- ✓ Grounded or Ungrounded
- Type K, T, and E Thermocouples are Special Limits of Error
- ✓ Single or Dual Thermocouple Construction Optional
- ✓ Probe Length Optional*

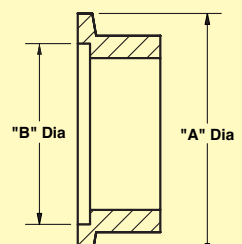


The OMEGA® TCV Series thermocouple probe assemblies are available in standard lengths of 3, 6, and 12" with a grounded or ungrounded thermocouple junction at the tip. Standard probes are available in K, T and E calibrations.

* Please call sales for available options including special probe lengths.

Thermocouple Specifications

Thermocouple Type	Temperature Range at Tip °C (°F)	Accuracy (Above 0°C)
K	-200 to 900 (-328 to 1652)	2.2°C or 0.75 whichever is greater
E	-200 to 900 (-328 to 1652)	1.7°C or 0.5 whichever is greater
T	-200 to 400 (-328 to 752)	1.0°C or 0.75 whichever is greater



Size	A Dia mm (inch)	B Dia mm (inch)
#25	40 (1.57)	26.2 (1.03)
#40	50 (1.97)	41.2 (1.62)

Unsure of your flange size, verify it by using this size chart.

To Order

Model No.	KF Flange	Thermocouple Type	Sheath Diameter
TCV-(*)-(**)-(***)-10-M12	#10	K, T or E	1/8"
TCV-(*)-(**)-(***)-16-M12	#16	K, T or E	1/8"
TCV-(*)-(**)-(***)-25-M12	#25	K, T or E	1/4"
TCV-(*)-(**)-(***)-40-M12	#40	K, T or E	1/4"

(*) = Specify Type ("K", "T" or "E" thermocouple).

(**) = Specify junction style ("G" = grounded, "U" = ungrounded).

(***) = Specify the probe length in inches ("0300" = 3", "0600" = 6", "0950" = 9 1/2", "1200" = 12").

For lengths between those shown, indicate the required length as shown above (additional charges apply).

Ordering Examples: TCV-TG-0950-40-M12, Type T grounded thermocouple with 1/4" diameter probe and #40 flange with M12 connector.

