

Thermopiles and Thermocouples

Q340 Universal 30 mV Thermocouple



Thermocouples generate a thermoelectric current that senses a pilot flame on gas-fired heating systems. The pilot flame heats the tip of the thermocouple, producing a temperature differential between it and the base. This temperature difference generates a small amount of DC power, measured in millivolts.

- Push-in clip, split nut, and adapter assembly for easy pilot burner installation.
- Spade or quick-connect terminals available for millivolt gas control connections.
- Male nut connector for Pilotstat™ safety control power units.
- Available in a variety of lead lengths.

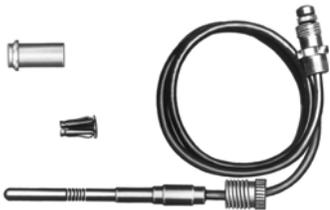
Open Circuit Output: 26 mV to 32 mV
Voltage: 30 mV

Temperature Ratings Cold Junction: 780 F (416 C)
Temperature Ratings Hot Junction: 1400 F (760 C)

Product Number	Lead Length		Connection Type	Resistance	Includes
	(inch)	(mm)			
* Q340A1066	18 in.	457 mm	11/32 32 Male Connector Nut	0.02 ohm	Adapter and Push In Clip
• Q340A1074	24 in.	610 mm	11/32 32 Male Connector Nut	0.02 ohm	Adapter and Push In Clip
* Q340A1082	30 in.	762 mm	11/32 32 Male Connector Nut	0.02 ohm	Adapter and Push In Clip
• Q340A1090	36 in.	914 mm	11/32 32 Male Connector Nut	0.02 ohm	Adapter and Push In Clip
* Q340A1108	48 in.	1219 mm	11/32 32 Male Connector Nut	0.03 ohm	Adapter and Push In Clip
Q340A1504	18 in.	457 mm	Push-in Clip	0.02 ohms	Adapter and Push In Clip
Q340A1512	24 in.	610 mm	11/32 32 Male Connector Nut	0.02 ohm	Adapter and Push In Clip
Q340A1520	30 in.	762 mm	Push-in Clip	0.02 ohms	Adapter and Push In Clip
Q340A1538	36 in.	914 mm	11/32 32 Male Connector Nut	0.02 ohm	Adapter and Push In Clip
Q340A1546	48 in.	1219 mm	Push-in Clip	0.03 ohms	Adapter and Push In Clip

* TRADELINE models • SUPER TRADELINE models

Q390 Thermocouple



Thermocouples generate a thermoelectric current that senses a pilot flame on gas-fired heating systems. The pilot flame heats the tip of the thermocouple, producing a temperature differential between it and the base. This temperature difference generates a small amount of DC power, measured in millivolts.

- Push-in clip, split nut, and adapter assembly for easy pilot burner installation.
- Spade or quick-connect terminals available for millivolt gas control connections.
- Male nut connector for Pilotstat™ safety control power units.
- Available in a variety of lead lengths.

Open Circuit Output: 26 mV to 32 mV
Voltage: 30 mV

Temperature Ratings Cold Junction: 780 F (416 C)
Temperature Ratings Hot Junction: 1400 F (760 C)

Product Number	Lead Length		Connection Type	Resistance	Includes
	(mm)	(inch)			
* Q390A1046	610 mm	24 in.	11/32 32 Male Connector Nut	0.02 ohm	Adapter and Push In Clip
* Q390A1053	762 mm	30 in.	11/32 32 Male Connector Nut	0.02 ohm	Adapter and Push In Clip
* Q390A1061	914 mm	36 in.	11/32 32 Male Connector Nut	0.02 ohm	Adapter and Push In Clip
* Q390A1095	457 mm	18 in.	11/32 32 Male Connector Nut	0.02 ohm	Adapter and Push In Clip
* Q390A1103	1219 mm	48 in.	11/32 32 Male Connector Nut	0.03 ohm	Adapter and Push In Clip

* TRADELINE models • SUPER TRADELINE models