



BASO Gas Products LLC

K15DA Series Thermocouples

Description

K15DA Series thermocouples are designed to be used in many thermoelectric applications where standing pilots are needed. This style of thermocouple can also be used with other manufacturers' standing pilots.

Agency Listing

- CSA (AGA/CGA) Certificate number 229521-1656071



Selection Chart

	Part Number	Length	Replaces Johnson Controls	Open Circuit mV Range
▲	K15DA-12H	12 in. (305 mm)	N/A	20 – 28 mV
▲	K15DA-18H	18 in. (457 mm)	K15DS-18H, K15DS-1818H	20 – 28 mV
▲	K15DA-24H	24 in. (610 mm)	K15DS-24H, K15DS-1824H	20 – 28 mV
▲	K15DA-30H	30 in. (762 mm)	K15DS-30H, K15DS-1830H	20 – 28 mV
▲	K15DA-36H	36 in. (914 mm)	K15DS-36H, K15DS-1836H	20 – 28 mV
▲	K15DA-48H	48 in. (1219 mm)	N/A	20 – 28 mV

▲ means bulk pack is available upon request.

Notes: Connects to valves with 11/32-32 male nut connector
 Open Circuit: 15 mV minimum
 Closed Circuit: 8 mV minimum
 Maximum Hot Junction Temperature: 1500°F (816°C)



BASO Gas Products LLC

K15DQ Series Thermocouples

Description

K15DQ Series thermocouples are designed to be used in many thermoelectric applications where standing pilots are needed. This thermocouple has a short element tip for designed applications. This style of thermocouple can also be used with other manufacturers' standing pilots.

Agency Listing

- CSA (AGA/CGA) Certificate number 229521-1656071



Selection Chart

	Part Number	Length	Replaces Johnson Controls	Open Circuit mV Range
▲	K15DQ-30H	30 in. (762 mm)	N/A	20 – 28 mV
▲	K15DQ-36H	36 in. (914 mm)	N/A	20 – 28 mV

▲ means bulk pack is available upon request.

Notes: Connects to valves with 11/32-32 male nut connector
 Open Circuit: 15 mV minimum
 Closed Circuit: 8 mV minimum
 Maximum Hot Junction Temperature: 1500°F (816°C)



BASO Gas Products LLC

K15FA Series Thermocouples

Description

K15FA Series thermocouples are designed to be used where the pilot bracket accepts a fast and easy snap-in style clip to hold the thermocouple. This thermocouple can also be used with other manufacturers' standing pilots where a snap-in clip is accepted.



Agency Listing

- CSA (AGA/CGA) Certificate number 229521-1656071

Selection Chart

	Part Number	Length	Replaces Johnson Controls	Open Circuit mV Range
▲	K15FA-12H	12 in. (305 mm)	N/A	20 – 28 mV
▲	K15FA-18H	18 in. (457 mm)	N/A	20 – 28 mV
▲	K15FA-24H	24 in. (610 mm)	K15FS-24H, K15FS-1824H	20 – 28 mV
▲	K15FA-30H	30 in. (762 mm)	N/A	20 – 28 mV
▲	K15FA-36H	36 in. (914 mm)	K15FS-36H, K15FS-1836H	20 – 28 mV
▲	K15FA-48H	48 in. (1219 mm)	N/A	20 – 28 mV

▲ means bulk pack is available upon request.

Notes: Connects to valves with 11/32-32 male nut connector
 Open Circuit: 15 mV minimum
 Closed Circuit: 8 mV minimum
 Maximum Hot Junction Temperature: 1500°F (816°C)

Thermocouples



BASO Gas Products LLC

K16BA Series Thermocouples

Description

K16BA Series thermocouples are designed to be used in many thermoelectric applications where standing pilots are needed. This thermocouple does not come with a split sleeve and nut. This style of thermocouple can be used with other manufacturers' standing pilots.

Agency Listing

- CSA (AGA/CGA) Certificate number 229521-1656071



Selection Chart

	Part Number	Length	Replaces Johnson Controls	Open Circuit mV Range
▲	K16BA-12H	12 in. (305 mm)	N/A	25 – 35 mV
▲	K16BA-18H	18 in. (457 mm)	N/A	25 – 35 mV
▲	K16BA-24H	24 in. (610 mm)	N/A	25 – 35 mV
▲	K16BA-30H	30 in. (762 mm)	N/A	25 – 35 mV
▲	K16BA-36H	36 in. (914 mm)	N/A	25 – 35 mV
▲	K16BA-48H	48 in. (1219 mm)	K15WS-48H	25 – 35 mV
▲	K16BA-60H	60 in. (1524 mm)	N/A	25 – 35 mV
▲	K16BA-72H	72 in. (1829 mm)	N/A	25 – 35 mV

▲ means bulk pack is available upon request.

Notes: Connects to valves with 11/32-32 male nut connector
 Open Circuit: 17 mV minimum
 Closed Circuit: 8 mV minimum
 Maximum Hot Junction Temperature: 1500°F (816°C)



BASO Gas Products LLC

K16BT Series Thermocouples

Description

K16BA Series thermocouples are designed to be used in many thermoelectric applications where standing pilots are needed. This style of thermocouple comes with a split sleeve and nut. This style of thermocouple can be used with other manufacturers' standing pilots.

Agency Listing

- CSA (AGA/CGA) Certificate number 229521-1656071



Selection Chart

Part Number	Length	Replaces Johnson Controls	Open Circuit mV Range
K16BT-18H	18 in. (457 mm)	N/A	25 – 35 mV
K16BT-24H	24 in. (610 mm)	N/A	25 – 35 mV
K16BT-30H	30 in. (762 mm)	N/A	25 – 35 mV
K16BT-36H	36 in. (914 mm)	N/A	25 – 35 mV

Notes: Connects to valves with 11/32-32 male nut connector
 Open Circuit: 17 mV minimum
 Closed Circuit: 8 mV minimum
 Maximum Hot Junction Temperature: 1500°F (816°C)

Thermocouples



BASO Gas Products LLC

K16CA Series Thermocouples

Description

K16CA Series thermocouples are designed to be used where the pilot bracket accepts a fast and easy snap-in style clip to hold the thermocouple. This style of thermocouple can also be used with other manufacturers' standing pilots where a snap-in clip is accepted.

Agency Listing

- CSA (AGA/CGA) Certificate number 229521-1656071



Selection Chart

	Part Number	Length	Replaces Johnson Controls	Open Circuit mV Range
▲	K16CA-18H	18 in. (457 mm)	N/A	25 – 35 mV
▲	K16CA-30H	30 in. (762 mm)	N/A	25 – 35 mV
▲	K16CA-36H	36 in. (914 mm)	N/A	25 – 35 mV

▲ means bulk pack is available upon request.

Notes: Connects to valves with 11/32-32 male nut connector
 Open Circuit: 17 mV minimum
 Closed Circuit: 8 mV minimum
 Maximum Hot Junction Temperature: 1500°F (816°C)

Thermocouples



BASO Gas Products LLC

K16FA Series Thermocouples

Description

K16FA Series thermocouples are designed to be used where a junction block connection is needed. This style of thermocouple can also be used with other manufacturers' standing pilots where a thread-in bracket connection is accepted. The addition of a junction block allows for a high limit switch connection. This places the power unit of the pilot control in series with the limit switch and thermocouple. If pilot flame is lost or a high limit switch occurs, the gas valve will shut off.



Agency Listing

- CSA (AGA/CGA) Certificate number 229521-1656071

Selection Chart

	Part Number	Length	Replaces Johnson Controls	Open Circuit mV Range
▲	K16FA-18H	18 in. (457 mm)	N/A	25 – 35 mV
▲	K16FA-24H	24 in. (610 mm)	N/A	25 – 35 mV
▲	K16FA-36H	36 in. (914 mm)	N/A	25 – 35 mV

▲ means bulk pack is available upon request.

Notes: Connects to valves with 11/32-32 male nut connector
 Open Circuit: 17 mV minimum
 Closed Circuit: 8 mV minimum
 Maximum Hot Junction Temperature: 1500°F (816°C)

Thermocouples

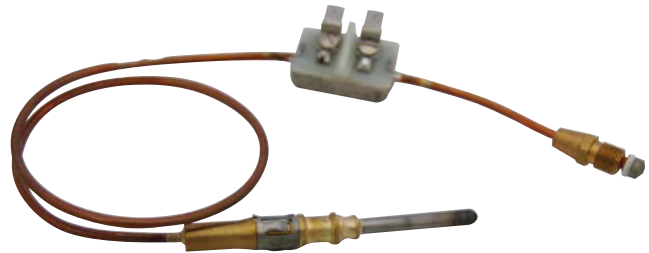


BASO Gas Products LLC

K16JA and K16KA Series Thermocouples

K16JA Description

K16JA Series thermocouples are designed to be used where the pilot bracket accepts a fast and easy snap-in style slip to hold the thermocouple. This style of thermocouple can also be used with other manufacturers' standing pilots where a snap-in clip is accepted. The addition of a junction block allows for a high limit switch connection. The places the power unit of the pilot control in series with the limit switch and thermocouple. If pilot flame is lost or a high limit switch occurs, the gas valve will shut off.



K16JA

K16KA Description

K16KA Series thermocouples are designed to be used where a junction block connection is needed. This style of thermocouple can also be used with other manufacturers' standing pilots where a thread-in bracket connection is accepted. The addition of a junction block allows for a high limit switch connection. This places the power unit of the pilot control in series with the limit switch and thermocouple. If pilot flame is lost or a high limit switch occurs, the gas valve will shut off.



K16KA

Agency Listing

- CSA (AGA/CGA) Certificate number 229521-1656071

Selection Chart

	Part Number	Length	Replaces Johnson Controls	Open Circuit mV Range
▲	K16JA-24H	24 in. (610 mm)	N/A	25 – 35 mV
▲	K16KA-24H	24 in. (610 mm)	N/A	25 – 35 mV

▲ means bulk pack is available upon request.

Notes: Connects to valves with 11/32-32 male nut connector
 Open Circuit: 17 mV minimum
 Closed Circuit: 8 mV minimum
 Maximum Hot Junction Temperature: 1500°F (816°C)

Thermocouples



BASO Gas Products LLC

K16NA Series Thermocouples

Description

K16NA Series thermocouples are designed to be used in many thermoelectric applications where standing pilots are needed. This style of thermocouple can also be used with other manufacturers' standing pilots.

Agency Listing

- CSA (AGA/CGA) Certificate number 229521-1656071



Selection Chart

	Part Number	Length	Replaces Johnson Controls	Open Circuit mV Range
▲	K16NA-30H	30 in. (762 mm)	N/A	25 – 35 mV
▲	K16NA-48H	48 in. (1219 mm)	N/A	25 – 35 mV

▲ means bulk pack is available upon request.

Notes: Connects to valves with 11/32-32 male nut connector
 Open Circuit: 17 mV minimum
 Closed Circuit: 8 mV minimum
 Maximum Hot Junction Temperature: 1500°F (816°C)



BASO Gas Products LLC

K16RA Series Nickle-Plated Thermocouples

Description

K16RA Series thermocouples are designed to be used in many thermoelectric applications where standing pilots are needed. The K16RA Series has nickel plating added for applications where corrosion resistance is needed to extend the life of the thermocouple. This style thermocouple can also be used with other manufacturers' standing pilots.

Agency Listing

- CSA (AGA/CGA) Certificate number 229521-1656071



Selection Chart

	Part Number	Length	Replaces Johnson Controls	Open Circuit mV Range
▲	K16RA-24H	24 in. (610 mm)	N/A	25 – 35 mV
▲	K16RA-30H	30 in. (762 mm)	N/A	25 – 35 mV
▲	K16RA-36H	36 in. (914 mm)	N/A	25 – 35 mV
▲	K16RA-48H	48 in. (1219 mm)	N/A	25 – 35 mV
▲	K16RA-60H	60 in. (1524 mm)	N/A	25 – 35 mV
▲	K16RA-72H	72 in. (1829 mm)	N/A	25 – 35 mV

▲ means bulk pack is available upon request.

Notes: Connects to valves with 11/32-32 male nut connector
 Open Circuit: 17 mV minimum
 Closed Circuit: 8 mV minimum
 Maximum Hot Junction Temperature: 1500°F (816°C)

Thermocouples



BASO Gas Products LLC

K16RM Series Nickle-Plated Thermocouples

Description

K16RM Series thermocouples are designed to be used in many thermoelectric applications where standing pilots are needed. The K16RM Series has nickel plating added for applications where corrosion resistance is needed to extend the life of the thermocouple. This style thermocouple can also be used with other manufacturers' standing pilots. This thermocouple includes a split sleeve and nut. The K16RM Series is your solution where distance in your application is required.



Agency Listing

- CSA (AGA/CGA) Certificate number 229521-1656071

Selection Chart

Part Number	Length	Replaces Johnson Controls	Open Circuit mV Range
K16RM-96H	96 in. (2438 mm)	N/A	25 – 35 mV
K16RM-120H	120 in. (3048 mm)	N/A	25 – 35 mV
K16RM-144H	144 in. (3658 mm)	N/A	25 – 35 mV
K16RM-180H	180 in. (4572 mm)	N/A	25 – 35 mV
K16RM-240H	240 in. (6096 mm)	N/A	25 – 35 mV

Notes: Connects to valves with 11/32-32 male nut connector
 Open Circuit: 17 mV minimum
 Closed Circuit: 8 mV minimum
 Maximum Hot Junction Temperature: 1500°F (816°C)

Thermocouples



BASO Gas Products LLC

K16WT Series Thermocouples

Description

K16WT Series thermocouples are heavy duty larger gauge copper tubing for lower load currents to operate. This thermocouple includes an adapter that attaches to a male terminal connector. This style of thermocouple can also be used with other manufacturers' standing pilots.

Agency Listing

- CSA (AGA/CGA) Certificate number 229521-1656071



Selection Chart

Part Number	Length	Replaces	Open Circuit mV Range
K16WT-48H	48 in. (1219 mm)	N/A	25 – 35 mV
K16WT-60H	60 in. (1524 mm)	N/A	25 – 35 mV
K16WT-72H	72 in. (1829 mm)	N/A	25 – 35 mV

Notes: Connects to valves with 11/32-32 female nut connector

Open Circuit: 17 mV minimum

Closed Circuit: 8 mV minimum

Maximum Hot Junction Temperature: 1500°F (816°C)

The K16WT works better for situations where millivolt line loss needs to be kept to a minimum.

63499-WT Series "WT" Extension Kits

Description

63499-WT Series are used where additional length is needed. These kits adapt directly to the K16WT series only.

Agency Listing

- None

Selection Chart

Part Number	Length
63499-WT 48	48 in. (1219 mm)
63499-WT 60	60 in. (1524 mm)
63499-WT 72	72 in. (1829 mm)





BASO Gas Products LLC

K16SA and K19SA Series Thermocouples with Metric Thread

Thermocouples

Description

The K16SA thermocouple is designed to be used in many thermoelectric applications where the connections need metric threads. They are also designed to be used where the pilot bracket accepts a fast and easy snap-in style clip to hold the thermocouple. This style of thermocouple can also be used with other manufacturers' standing pilots where a snap-in clip is accepted.



K16SA

Agency Listing

- CSA (AGA/CGA) Certificate number 229521-1656071

K16SA Selection Chart

Part Number	Length	Replaces	Open Circuit mV Range
▲ K16SA-36H	36 in. (914 mm)	Norcold 61436322	25 – 35 mV

▲ means bulk pack is available upon request.

Notes: Connects to valves with M8 x 1-6g male nut connector

Open Circuit: 17 mV minimum

Closed Circuit: 8 mV minimum

Maximum Hot Junction Temperature: 1500°F (816°C)

Description

K19SA Series thermocouples are designed to be used in many thermoelectric applications where the connections need metric threads. This style of thermocouple can also be used with other manufacturers' standing pilots. Typically used in the RV industry.



K19SA

Agency Listing

- CSA (AGA/CGA) Certificate number 229521-1656071

K19SA Selection Chart

Part Number	Length	Replaces	Open Circuit mV Range
▲ K19SA-18H	18 in. (457 mm)	Norcold 618445	25 – 35 mV
▲ K19SA-48H	48 in. (1219 mm)	Norcold 617983	25 – 35 mV
▲ K19SA-60H	60 in. (1524 mm)	Norcold 619154	25 – 35 mV
▲ K19SA-78H	78 in. (1981 mm)	Norcold 620424	25 – 35 mV

▲ means bulk pack is available upon request.

Notes: Connects to valves with M8 x 1-6g male nut connector

Open Circuit: 17 mV minimum

Closed Circuit: 8 mV minimum

Maximum Hot Junction Temperature: 1300°F (704°C)

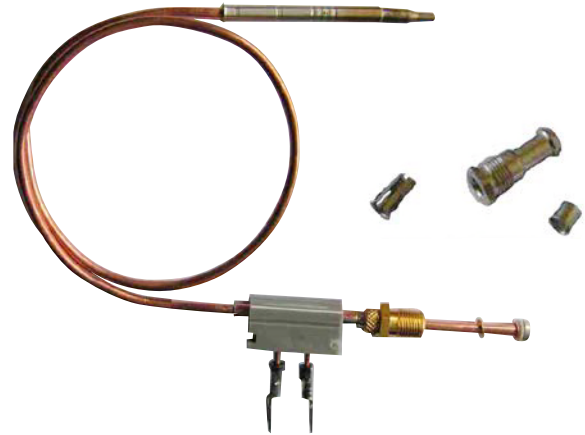


BASO Gas Products LLC

K17AJ Series Universal Thermocouple with Junction Block

Description

K17AJ Series thermocouples are designed to be used where a junction block connection is needed. This thermocouple can be used with the BASO® brand or other thermoelectric type valves and standing pilot burners. The addition of a junction block allows for a high limit switch connection. This places the power unit of the pilot control in series with the limit switch and thermocouple. If pilot flame is lost or a high limit switch occurs, the gas valve will shut off. This style of thermocouple, based on the fact that it is a universal adaption design, makes it a compatible replacement with other manufacturers' standing pilots. The K17AJ Series comes with two adapters and a spring clip.



Agency Listing

- None

Selection Chart

Part Number	Length	Replaces Johnson Controls	Open Circuit mV Range
K17AJ-18H	18 in. (457 mm)	White-Rodgers H06F-18, Reddy Heater 099538-01	30 – 40 mV
K17AJ-24H	24 in. (610 mm)	White-Rodgers H06F-24	30 – 40 mV
K17AJ-36H	36 in. (914 mm)	White-Rodgers H06F-36, Jade Controls TK5-36J, Comfort Glo 115793-01	30 – 40 mV

Notes: Connects to valves with 11/32-32 male nut connector
Open Circuit: 25 mV minimum
Closed Circuit: 8 mV minimum
Maximum Hot Junction Temperature: 700°C (1292°F)

Thermocouples



BASO Gas Products LLC

K17 Series Universal Thermocouple

Description

K17 Universal thermocouples are designed to be used in many thermoelectric applications where standing pilots are needed. This style of thermocouple, based on the fact that it is a universal adaption design, makes it a compatible replacement with other manufacturers' standing pilots. The universal kit comes with two adapters and a spring clip.



Agency Listing

- CSA Certificate number 266008-70058298

Selection Chart

Part Number	Length	Replaces	Open Circuit mV Range	Agency
K17AT-18H	18 in. (457 mm)	Honeywell Q337, Robertshaw T26, BASO K19AT Series, Johnson Controls K19AA Series, K19AT Series, K19BA Series, K19CA Series and White Rodgers H06E-18	30 – 40 mV	None
K17AT-24H	24 in. (610 mm)	Honeywell Q337, Robertshaw T26, BASO K19AT Series, Johnson Controls K19AA Series, K19AT Series, K19BA Series, K19CA Series and White Rodgers H06E-24	30 – 40 mV	None
K17AT-30H	30 in. (762 mm)	Honeywell Q337, Robertshaw T26, BASO K19AT Series, Johnson Controls K19AA Series, K19AT Series, K19BA Series, K19CA Series and White Rodgers H06E-30	30 – 40 mV	None
K17AT-36H	36 in. (914 mm)	Honeywell Q337, Robertshaw T26, BASO K19AT Series, Johnson Controls K19AA Series, K19AT Series, K19BA Series, K19CA Series and White Rodgers H06E-36	30 – 40 mV	None
K17AT-48H	48 in. (1219 mm)	Honeywell Q337, Robertshaw T26, BASO K19AT Series, Johnson Controls K19AA Series, K19AT Series, K19BA Series, K19CA Series and White Rodgers H06E-48	30 – 40 mV	None
K17AT-60H	60 in. (1524 mm)	Honeywell Q337, Robertshaw T26, BASO K19AT Series, Johnson Controls K19AA Series, K19AT Series, K19BA Series and K19CA Series	30 – 40 mV	None
K17AT-72H	72 in. (1829 mm)	Honeywell Q337, Robertshaw T26, BASO K19AT Series, Johnson Controls K19AA Series, K19AT Series, K19BA Series, K19CA Series and White Rodgers H06E-72	30 – 40 mV	None

Notes: Connects to valves with 11/32-32 male nut connector
 Open Circuit: 25 mV minimum
 Closed Circuit: 8 mV minimum
 Maximum Hot Junction Temperature: 700°C (1292°F)



BASO Gas Products LLC

K17LM Series Low Mass Thermocouples

Description

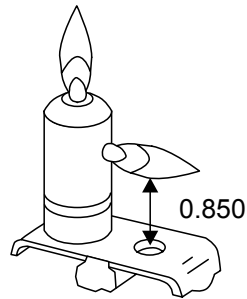
Our K17DA, K17RA and K17LM Series are all low mass, quick drop out thermocouples with standard threads and the K17SL Series are metric threads all used with natural or LP gases. Applications are fireplaces, fire pits, and BBQ units that require a quick response thermocouple to shut down the safety valves.

Agency Listing

- None

Note:

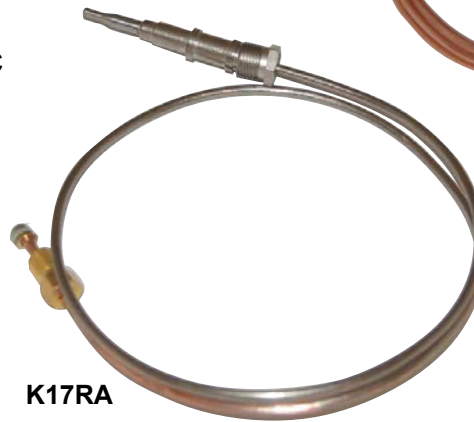
- The optimum distance for proper flame reading is 0.850 in. (21.6 mm). Anything over that will not function properly, causing malfunction of equipment.
- K17RA series are nickel plated for protection from corrosive elements.
- K17SL series is the same as the K17LM series except with metric threads M8
- Models K17DA and K17RA cannot be used with J990MDA-2H pilot burner.
- Open circuit: 17 mV minimum
- Closed circuit: 8 mV minimum
- Maximum Hot junction temperature: 700°C (1292°F)



K17DA



K17LM



K17RA

Thermocouples

Selection Chart

Part Number	Length	Replaces	Open Circuit mV Range
K17DA-27H	27 in. (686mm)	Robertshaw 1960-027 Mendota 05-07-00062	30 – 40 mV
K17DA-36H	36 in. (914 mm)	N/A	30 – 40 mV
K17RA-27H	27 in. (686mm)	N/A	30 – 40 mV
K17RA-36H	36 in. (914 mm)	N/A	30 – 40 mV
K17LM-27H	27 in. (686mm)	N/A	30 – 40 mV
K17LM-36H	36 in. (914 mm)	N/A	30 – 40 mV
K17SL-27H	27 in. (686mm)	SIT 0.200.044	30 – 40 mV
K17SL-36H	36 in. (914 mm)	SIT 0.200.047	30 – 40 mV



BASO Gas Products LLC

K19 Series Universal Thermocouple

Description

K19 Universal thermocouples are designed to be used in many thermoelectric applications where standing pilots are needed. This style of thermocouple, based on the fact that it is a universal adaption design, makes it a compatible replacement with other manufacturers' standing pilots. The universal kit comes with two adapters and a spring clip.



Agency Listing

- CSA (AGA/CGA) Certificate number 229521-1656071

Selection Chart

Part Number	Length	Replaces	Open Circuit mV Range	Agency
K19AT-18H	18 in. (457 mm)	Honeywell Q337, Robertshaw T26, BASO K17, Johnson Controls K19AA, K19AT-1000, -2000, -3000, -4000, -5000, -6000, -7000, -8000, -9000, K19BA, K19CA	25 – 35 mV	CSA
K19AT-24H	24 in. (610 mm)	Honeywell Q337, Robertshaw T26, BASO K17, Johnson Controls K19AA, K19AT-1000, -2000, -3000, -4000, -5000, -6000, -7000, -8000, -9000, K19BA, K19CA	25 – 35 mV	CSA
K19AT-30H	30 in. (762 mm)	Honeywell Q337, Robertshaw T26, BASO K17, Johnson Controls K19AA, K19AT-1000, -2000, -3000, -4000, -5000, -6000, -7000, -8000, -9000, K19BA, K19CA	25 – 35 mV	CSA
K19AT-36H	36 in. (914 mm)	Honeywell Q337, Robertshaw T26, BASO K17, Johnson Controls K19AA, K19AT-1000, -2000, -3000, -4000, -5000, -6000, -7000, -8000, -9000, K19BA, K19CA	25 – 35 mV	CSA
K19AT-48H	48 in. (1219 mm)	Honeywell Q337, Robertshaw T26, BASO K17, Johnson Controls K19AA, K19AT-1000, -2000, -3000, -4000, -5000, -6000, -7000, -8000, -9000, K19BA, K19CA	25 – 35 mV	CSA
K19AT-60H	60 in. (1524 mm)	Honeywell Q337, Robertshaw T26, BASO K17, Johnson Controls K19AA, K19AT-1000, -2000, -3000, -4000, -5000, -6000, -7000, -8000, -9000, K19BA, K19CA	25 – 35 mV	CSA
K19AT-72H	72 in. (1829 mm)	Honeywell Q337, Robertshaw T26, BASO K17, Johnson Controls K19AA, K19AT-1000, -2000, -3000, -4000, -5000, -6000, -7000, -8000, -9000, K19BA, K19CA	25 – 35 mV	CSA

Notes: Connects to valves with 11/32-32 male nut connector
 Open Circuit: 17 mV minimum
 Closed Circuit: 8 mV minimum
 Maximum Hot Junction Temperature: 1300°F (704°C)