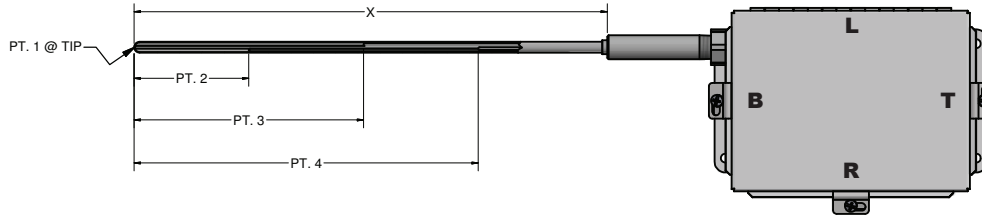


Pyromation's multi-point thermocouples with enclosures accurately measure temperatures at various points along the sheath allowing for a temperature profile across a specified length. The design consists of smaller diameter MgO thermocouples placed inside a single outer sheath, which allows for profiling the temperature at various points along a single line. Applications where these products are used include vessels, holding tanks, furnaces, ovens, reactors, heat exchangers, air ducts and more. The tables found on this page allow customer selection of standard thermocouple types, up to 16 temperature points, various sheath diameters, mounting fittings and termination enclosures. Custom-designed products are available upon request.



ORDER CODES

Example Order Number:

1-0 1-1 1-2 1-3 1-4 2-0 2-1 3-0 4-0 5-0
K (4) 4 8 U - 072 - (0,4,8,12) - 00 - 8PN4 ,NT - 20

1-0 Thermocouple Types

CODE	DESCRIPTION
J	Type J
K	Type K

1-1 Number of Points

CODE
2 to 16 Points
Specify number of points in parenthesis. Example: (6) = 6 points. Maximum number of points is based on sheath diameter, see table 1-2 for maximum number of points

1-2 Sheath Diameters

CODE	DIAMETER (INCHES)	MAX NUMBER OF POINTS ^[1]
2	1/8"	8
3	3/16"	14
4	1/4"	16
6	3/8"	16
8	1/2"	16

[1] Maximum number of points apply to sensors 20 feet or less. For lengths above 20 feet, reduce the maximum number of points by 1. Consult factory for lengths above 50 feet.

1-3 Sheath Material

CODE	DESCRIPTION
8	316 Stainless Steel

1-4 Measuring Junctions

CODE	DESCRIPTION
U	Ungrounded junction

1-5 Special Options

CODE	DESCRIPTION
M	Special limits of error

2-0 "X" Dimension

Insert three digit sheath length ("X" Dimension) in inches

2-1 Sensor Location

Specify location of junctions from tip in inches where 0 = tip. Ex: 0,4,8,12

3-0 Sheath Mounting Fittings

CODE	DESCRIPTION
00	No Fitting
Compression Fittings	
	NPT SIZE (inches)
05A	316 Stainless steel 1/8
05B	316 Stainless steel 1/4
05C	316 Stainless steel 1/2
12A	316 SS Readjustable 1/8
12B	316 SS Readjustable 1/4
12C	316 SS Readjustable 1/2
19C	303 SS Spring-loaded well fitting 1/2
Fixed Bushings	
	NPT SIZE (inches)
8A_ _ ^[1]	316 SS welded bushing 1/8
8B_ _ ^[1]	316 SS welded bushing 1/4
8C_ _ ^[1]	316 SS welded bushing 1/2
8D_ _ ^[1]	316 SS welded bushing 3/4

[1] When ordering fixed bushings, specify order code above plus insert length "U", as measured from hot tip to bottom of threaded bushing. EXAMPLE: order code 8A06 is 1/8" NPT, 316 SS bushing located 6" from hot tip.

4-0 Head Mounting Fittings

CODE	DESCRIPTION	MAX NUMBER OF POINTS
8PN_ ^[1]	1/2" NPT Pipe nipple, 4" long minimum, 316 SS	Up to 8 points
8PND_ ^[1]	3/4" NPT Pipe nipple, 6" long minimum, 316 SS	Up to 16 points
Options		
NT	No process threads	

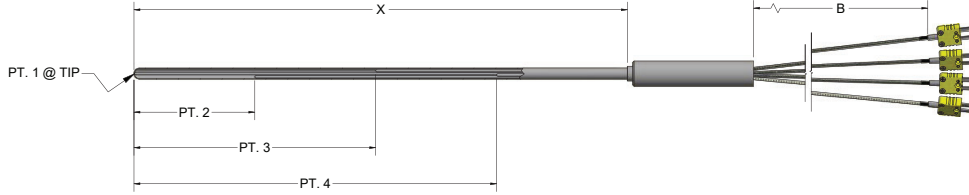
[1] For longer lengths, insert the length in inches

5-0 Termination Enclosures

CODE	DESCRIPTION	MAX NUMBER OF POINTS
20	General-Purpose painted steel wall mount panel enclosure - 8"x6"x4" NEMA 4	16
30	General Purpose 316 SS wall mount panel enclosure - 8"x6"x4" NEMA 4X	16
31	Aluminum screw-cover head (NEMA 4X, IP66)	4
34	Cast iron screw-cover head (NEMA 4X, IP66)	4
91	316L stainless steel screw-cover head (NEMA 4X, IP66)	4
93	Aluminum explosion-proof connection head	4
94	316L stainless steel explosion-proof connection head	4
52	Malleable iron explosion-proof connection head	6
Options		
I	Stainless steel tag	
SB	1/2" NPT conduit reducer bushing	
D2	Class 1 Div. 2 rating for termination 31, 34, 91	
CHB ^[1]	3/4" NPT conduit hub located on bottom	
CHR ^[1]	3/4" NPT conduit hub located on right	
CHT ^[1]	3/4" NPT conduit hub located on top	
CHL ^[1]	3/4" NPT conduit hub located on left	

[1] Only applies to option 20 or 30

Pyromation's multi-point thermocouples with leadwire extensions accurately measure temperatures at various points along the sheath allowing for a temperature profile across a specified length. The design consists of smaller diameter MgO thermocouples placed inside a single outer sheath, which allows for profiling the temperature at various points along a single line. Applications where these products are used include vessels, holding tanks, furnaces, ovens, reactors, heat exchangers, air ducts and more. The tables found on this page allow customer selection of standard thermocouple types, up to 16 temperature points, various sheath diameters, mounting fittings, transition options, leadwire types and terminations. Custom-designed products are available upon request.



ORDER CODES

Example

Order Number:

1-0 1-1 1-2 1-3 1-4 2-0 2-1 3-0 4-0 5-0 6-0
J (4) 6 8 U - 042 - (0,6,12,18) - 00 - 19 - T3072 - 6

1-0 Thermocouple Types

CODE	DESCRIPTION
J	Type J
K	Type K

1-1 Number of Points

CODE
2 to 16 Points
Specify number of points in parenthesis. Example: (6) = 6 points. Maximum number of points is based on sheath diameter, see table 1-2 for maximum number of points

1-2 Sheath Diameters

CODE	DIAMETER (INCHES)	MAX NUMBER OF POINTS ^[1]
2	1/8"	8
3	3/16"	14
4	1/4"	16
6	3/8"	16
8	1/2"	16

[1] Maximum number of points apply to sensors 20 feet or less. For lengths above 20 feet, reduce the maximum number of points by 1. Consult factory for lengths above 50 feet.

1-3 Sheath Material

CODE	DESCRIPTION
8	316 Stainless Steel

1-4 Measuring Junctions

CODE	DESCRIPTION
U	Ungrounded junction

1-5 Special Options

CODE	DESCRIPTION
M	Special limits of error

2-0 "X" Dimension

Insert three digit sheath length ("X" Dim) in inches

2-1 Sensor Location

Specify location of junctions from tip in inches where 0 = tip. Ex: 0,4,8,12

3-0 Sheath Mounting Fittings

CODE	DESCRIPTION
00	No Fitting
Compression Fittings	
	NPT SIZE (inches)
05A	316 Stainless steel 1/8
05B	316 Stainless steel 1/4
05C	316 Stainless steel 1/2
12A	316 SS Readjustable 1/8
12B	316 SS Readjustable 1/4
12C	316 SS Readjustable 1/2
19C	303 SS Spring-loaded well fitting 1/2

Fixed Bushings		NPT SIZE (inches)
8A_	[1] 316 SS welded bushing	1/8
8B_	[1] 316 SS welded bushing	1/4
8C_	[1] 316 SS welded bushing	1/2
8D_	[1] 316 SS welded bushing	3/4

[1] When ordering fixed bushings, specify order code above plus insert length "U", as measured from hot tip to bottom of threaded bushing.
 EXAMPLE: order code 8A06 is 1/8" NPT, 316 SS bushing located 6" from hot tip.

4-0 Leadwire Transitions 204 °C

CODE	DESCRIPTION	MAX NUMBER OF POINTS
19	Extension leadwire transition with no strain relief, 316 SS	See Note [1]
8PN23	1/2" NPT Pipe nipple, 0.840 OD x 4" long, 316 SS	Up to 8 points
8PND23	3/4" NPT Pipe nipple, 1.05 OD x 6" long, 316 SS	Up to 16 points

Options	
NT	No process threads

[1] Transition size as follows:
 2-6 points - 1/2" OD x 5" long
 7-8 points - 0.840 OD x 4" long
 9-16 points - 1.05 OD x 6" long

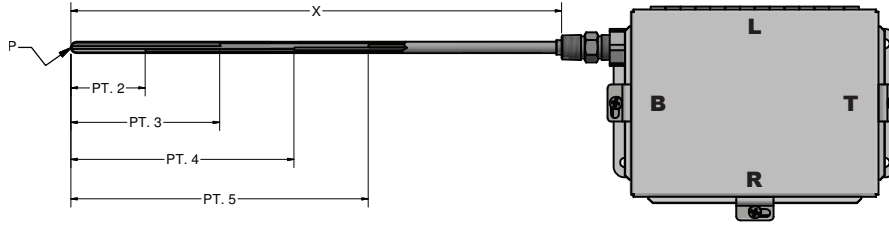
5-0 Extension Leadwire Type B Dimension

CODE	DESCRIPTION
F1	Fiberglass insulation - solid conductor
F1B	Fiberglass insulation - solid conductor - stainless steel overbraid
F3	Fiberglass insulation - stranded conductor
F3B	Fiberglass insulation - stranded conductor - stainless steel overbraid
T1	Fluoropolymer insulation - solid conductor
T1B	Fluoropolymer insulation - solid conductor - stainless steel overbraid
T3	Fluoropolymer insulation - stranded conductor
T3B	Fluoropolymer insulation - stranded conductor - stainless steel overbraid

6-0 Terminations

CODE	DESCRIPTION
0	Leads not stripped
2	2" split leads, 1/4" stripped
3	2" split leads, 1/4" spade lugs
4	Standard plug
5	Standard jack
6	Miniature plug
7	Miniature jack
Options	
CC	Plug or jack secured to leads with cable clamp

Pyromation's multi-point RTD's with enclosures accurately measure temperatures at various points along the sheath allowing for a temperature profile across a specified length. The design consists of multiple RTD sensors placed inside a single outer sheath, which allows for profiling the temperature at various points along a single line. Applications where these products are used include vessels, holding tanks, ovens, reactors, heat exchangers, air ducts and more. The tables found on this page allow customer selection of Class A or Class B accuracies, two temperature ranges and up to 10 temperature points. There are also options for various sheath diameters, mounting fittings and termination enclosures. Custom designed products are available upon request.



ORDER CODES

Example Order Number:

1-0 1-1 1-2 1-3 2-0 2-1 3-0 4-0 5-0
RBF185L (5) 68 3 - 024 - (0,4,8,12,16) - 00 - 8HN 30

1-0 Pt100 ($\alpha=0.00385\text{ }^{\circ}\text{C}^{-1}$)

CODE	TOLERANCE	TEMP. RANGE
RBF185L	Class B	(-50 to 200 °C)
RBF185K	Class B	(-50 to 315 °C)
RAF185L	Class A	(-50 to 200 °C)
RAF185K	Class A	(-50 to 315 °C)
R1T185L	Grade B	(-200 to 200 °C)
R1T185K	Grade B	(-200 to 315 °C)

1-1 Number of Points

CODE
2 to 10 Points
Specify number of points in parenthesis. Example: (6) = 6 points. Maximum number of points is based on sheath diameter, see table 1-2 for maximum number of points

1-2 Sheath Diameters - 316 SS

CODE	DIAMETER (INCHES)	MAX NUMBER OF POINTS [1]	
		3-wire	4-wire
48	1/4"	3	2
68	3/8"	5	3
88	1/2"	10	8

[1] Maximum number of points apply to sensors 20 feet or less. For lengths above 20 feet, reduce the maximum number of points by 1. Consult factory for lengths above 50 feet.

1-3 Element Connection

CODE	DESCRIPTION
3	3-wire
4	4-wire

2-0 "X" Dimension

Insert three digit sheath length ("X" Dimension) in inches
--

2-1 Sensor Location

Specify location of junctions from tip in inches where 0 = tip. Ex: 0,4,8,12
--

3-0 Sheath Mounting Fittings

CODE	DESCRIPTION	NPT SIZE (inches)
00	No Fitting	
Compression Fittings		
05A	316 Stainless steel	1/8
05B	316 Stainless steel	1/4
05C	316 Stainless steel	1/2
12A	316 SS Readjustable	1/8
12B	316 SS Readjustable	1/4
12C	316 SS Readjustable	1/2
19C	303 SS Spring-loaded well fitting	1/2

Fixed Bushings		NPT SIZE (inches)
8A_ _ [1]	316 SS welded bushing	1/8
8B_ _ [1]	316 SS welded bushing	1/4
8C_ _ [1]	316 SS welded bushing	1/2
8D_ _ [1]	316 SS welded bushing	3/4

[1] When ordering fixed bushings, specify order code above plus insert length "U", as measured from hot tip to bottom of threaded bushing. EXAMPLE: order code 8A06 is 1/8" NPT, 316 SS bushing located 6" from hot tip.

4-0 Head Mounting Fittings

CODE	DESCRIPTION
8HN	1/2" x 1/2" NPT stainless steel hex nipple, 1" "E" length
9HP	1/2" NPT stainless steel bushing (no process threads)
8PN_	1/2" NPT pipe nipple, 316 stainless steel, specify length
8PND_	3/4" NPT pipe nipple, 316 stainless steel, specify length

Options

NT	No process threads - for 8PN only
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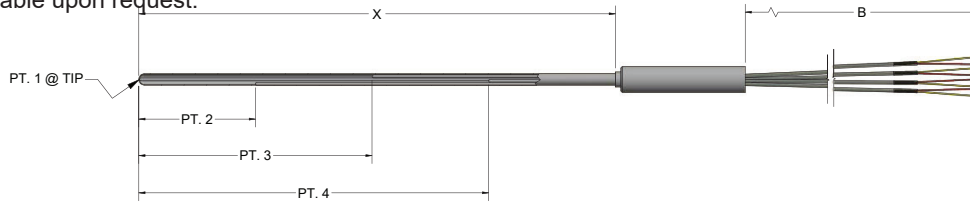
5-0 Termination Enclosures

CODE	DESCRIPTION	MAX NUMBER OF POINTS	
		3 WIRE	4 WIRE
20	General Purpose painted steel wall mount panel enclosure - 8"x6"x4" - NEMA 4	10	8
30	General Purpose 316 SS wall mount panel enclosure - 8"x6"x4" - NEMA 4	10	8
31	Aluminum screw-cover head (NEMA 4X, IP66)	2	2
34	Cast iron screw-cover head (NEMA 4X, IP66)	2	2
91	316L stainless steel screw-cover head (NEMA 4X, IP66)	2	2
93	Aluminum explosion-proof connection head, Group A	2	2
94	316L stainless steel explosion-proof connection head, Group A	2	2
52	Malleable iron explosion-proof connection head	4	3

Options

I	Stainless steel tag
SB	1/2" NPT conduit reducer bushing
D2	Class 1 Div. 2 rating for termination 31, 34, 91
CHB[1]	3/4" NPT conduit hub located on bottom
CHR[1]	3/4" NPT conduit hub located on right
CHT[1]	3/4" NPT conduit hub located on top
CHL[1]	3/4" NPT conduit hub located on left
[1] Only applies to option 20 or 30	

Pyromation's multi-point RTD's with leadwire extensions accurately measure temperatures at various points along the sheath allowing for a temperature profile across a specified length. The design consists of multiple RTD sensors placed inside a single outer sheath, which allows for profiling the temperature at various points along a single line. Applications where these products are used include vessels, holding tanks, ovens, reactors, heat exchangers, air ducts and more. The tables found on this page allow customer selection of Class A or Class B accuracies, two temperature ranges, up to 10 temperature points. There are also options for various sheath diameters, mounting fittings, transition types, leadwire types and terminations. Custom designed products are available upon request.



ORDER CODES

Example Order Number:

1-0 1-1 1-2 1-3 2-0 2-1 3-0 4-0 5-0 6-0
RAF185K (4) 88 4 - 024 - (0,3,8,15) - 05C - 19 - K3B072 - 2

1-0 Pt100 ($\alpha=0.00385 \text{ } ^\circ\text{C}^{-1}$)

CODE	TOLERANCE	TEMP. RANGE
RBF185L	Class B	(-50 to 200 °C)
RBF185K	Class B	(-50 to 315 °C)
RAF185L	Class A	(-50 to 200 °C)
RAF185K	Class A	(-50 to 315 °C)
R1T185L	Grade B	(-200 to 200 °C)
R1T185K	Grade B	(-200 to 315 °C)

1-1 Number of Points

CODE
2 to 10 Points
Specify number of points in parenthesis. Example: (6) = 6 points. Maximum number of points is based on sheath diameter, see table 1-2 for maximum number of points

1-2 Sheath Diameters - 316 SS

CODE	DIAMETER (INCHES)	MAX NUMBER OF POINTS ^[1]	
		3-wire	4-wire
48	1/4"	3	2
68	3/8"	5	3
88	1/2"	10	8

[1] Maximum number of points apply to sensors 20 feet or less. For lengths above 20 feet, reduce the maximum number of points by 1. Consult factory for lengths above 50 feet.

1-3 Element Connection

CODE	DESCRIPTION
3	3-wire
4	4-wire

2-0 "X" Dimension

Insert three digit sheath length ("X" Dimension) in inches

2-1 Sensor Location

Specify location of junctions from tip in inches where 0 = tip. Ex: 0,4,8,12

3-0 Sheath Mounting Fittings

CODE	DESCRIPTION	NPT SIZE (inches)
00	No Fitting	
Compression Fittings		NPT SIZE (inches)
05A	316 Stainless steel	1/8
05B	316 Stainless steel	1/4
05C	316 Stainless steel	1/2
12A	316 SS Readjustable	1/8
12B	316 SS Readjustable	1/4
12C	316 SS Readjustable	1/2
19C	303 SS Spring-loaded well fitting	1/2

Fixed Bushings		NPT SIZE (inches)
8A_ _ ^[1]	316 SS welded bushing	1/8
8B_ _ ^[1]	316 SS welded bushing	1/4
8C_ _ ^[1]	316 SS welded bushing	1/2
8D_ _ ^[1]	316 SS welded bushing	3/4

[1] When ordering fixed bushings, specify order code above plus insert length "U", as measured from hot tip to bottom of threaded bushing. EXAMPLE: order code 8A06 is 1/8" NPT, 316 SS bushing located 6" from hot tip.

4-0 Leadwire transitions 204 °C

CODE	DESCRIPTION
15	Extension leadwire transition with relief spring 204 °C [400 °F]
16	Extension leadwire transition with heat-shrink tubing 104 °C [220 °F]
18	Same size transition without heat-shrink tubing 204 °C [400 °F]
19	Extension leadwire transition without spring or heat-shrink tubing 204 °C [400 °F]
8HN23	1/2" x 1/2" NPT stainless steel hex nipple
8PN_23	1/2" NPT Pipe nipple, 316 SS, specify length

5-0 Extension leadwire Type B dimension

CODE	DESCRIPTION
T3	Fluoropolymer insulation - stranded conductor
T3B	Fluoropolymer insulation - stranded conductor - stainless steel overbraid
K3	Polyimide insulation - stranded conductor
K3B	Polyimide insulation - stranded conductor - stainless steel overbraid

6-0 Terminations

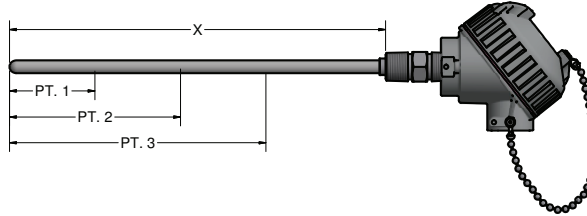
CODE	DESCRIPTION
0	Leads not stripped
2	2" split leads, 1/4" stripped
3	2" split leads, 1/4" spade lugs
4	Standard plug
5	Standard jack
6	Miniature plug
7	Miniature jack

Options

CODE ^[1]	DESCRIPTION
CC ^[1]	Plug or jack secured to leads with cable clamp

[1] Not available with 4 wire

Pyromation's tube and wire style multi-point thermocouples with termination enclosures accurately measure temperatures at various points along the sheath allowing for a temperature profile across a specified length. The design consists of either FEP or fiberglass insulated thermocouple wires placed inside a single outer sheath, which allows for profiling the temperature at various points along a single line. This design allows for a cost-effective alternative for lower temperature applications. Applications where these products are used include vessels, holding tanks, furnaces, ovens, reactors, heat exchangers, air ducts and more. The tables found on this page allow customer selection of standard thermocouple types up to 16 temperature points, various sheath diameters, mounting fittings and termination enclosures. Custom-built products are available upon request.



ORDER CODES

Example Order Number:

1-0 1-1 1-2 1-3 1-4 2-0 2-1 3-0 4-0 5-0
KP T (3) 38 U - 072 - (12,24,36) - 00 - 8HN 31

1-0 Thermocouple Types

CODE	DESCRIPTION
JP	Type J
KP	Type K

1-1 Insulation Types

CODE	DESCRIPTION	MAX TEMP
T	Flourpolymer	200 °C
F	Fiberglass	482 °C

1-2 Number of Points

CODE
2 to 16 Points
Specify number of points in parenthesis. Example: (6) = 6 points. Maximum number of points is based on sheath diameter, see table 1-2 for maximum number of points

1-3 Sheath Diameters - 316 SS

CODE	DIAMETER (INCHES)	MAX NUMBER OF POINTS ^[1]
38	3/16"	3
48	1/4"	4
68	3/8"	10
88	1/2"	16

[1] Maximum number of points apply to sensors 20 feet or less. For lengths above 20 feet, reduce the maximum number of points by 1. Consult factory for lengths above 50 feet.

1-4 Measuring Junctions

CODE	DESCRIPTION
U	Ungrounded junction

2-0 "X" Dimension

Insert three digit sheath length ("X" Dimension) in inches

2-1 Sensor Location

Specify location of junctions from tip in inches where 0 = tip. Ex: 0,4,8,12

3-0 Sheath Mounting Fittings

CODE	DESCRIPTION
00	No Fitting
Compression Fittings	
	NPT SIZE (inches)
05A	316 Stainless steel 1/8
05B	316 Stainless steel 1/4
05C	316 Stainless steel 1/2
12A	316 SS Readjustable 1/8
12B	316 SS Readjustable 1/4
12C	316 SS Readjustable 1/2
19C	303 SS Spring-loaded well fitting 1/2
Fixed Bushings	
	NPT SIZE (inches)
8A_ _ ^[1]	316 SS welded bushing 1/8
8B_ _ ^[1]	316 SS welded bushing 1/4
8C_ _ ^[1]	316 SS welded bushing 1/2
8D_ _ ^[1]	316 SS welded bushing 3/4

[1] When ordering fixed bushings, specify order code above plus insert length "U", as measured from hot tip to bottom of threaded bushing. EXAMPLE: order code 8A06 is 1/8" NPT, 316 SS bushing located 6" from hot tip.

4-0 Head Mounting Fittings

CODE	DESCRIPTION
8HN	1/2" x 1/2" NPT stainless steel hex nipple, 1" "E" length
9HP	1/2" NPT stainless steel bushing (no process threads)
8PN_	1/2" NPT pipe nipple, 316 stainless steel, specify length
8PND_	3/4" NPT pipe nipple, 316 stainless steel, specify length
Options	
NT	No process threads - for 8PN only

5-0 Termination Enclosures

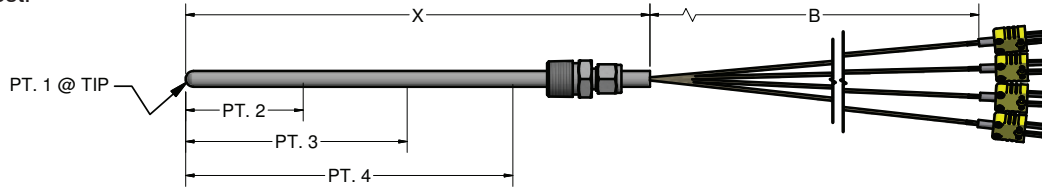
CODE	DESCRIPTION	MAX NUMBER OF POINTS
20	General-Purpose painted steel wall mount panel enclosure - 8"x6"x4" NEMA 4	16
30	General Purpose 316 SS wall mount panel enclosure - 8"x6"x4" NEMA 4X	16
31	Aluminum screw-cover head (NEMA 4X, IP66)	4
34	Cast iron screw-cover head (NEMA 4X, IP66)	4
91	316L stainless steel screw-cover head (NEMA 4X, IP66)	4
93	Aluminum explosion-proof connection head	4
94	316L stainless steel explosion-proof connection head	4
52	Malleable iron explosion-proof connection head	6

Options

I	Stainless steel tag
SB	1/2" NPT conduit reducer bushing
D2	Class 1 Div. 2 rating for termination 31, 34, 91
CHB ^[1]	3/4" NPT conduit hub located on bottom
CHR ^[1]	3/4" NPT conduit hub located on right
CHT ^[1]	3/4" NPT conduit hub located on top
CHL ^[1]	3/4" NPT conduit hub located on left

[1] Only applies to option 20 or 30

Pyromation's tube and wire style multi-point thermocouples with extension leadwire accurately measure temperatures at various points along the sheath allowing for a temperature profile across a specified length. The design consists of either FEP or fiberglass insulated thermocouple wires placed inside a single outer sheath, which allows for profiling the temperature at various points along a single line. This design allows for a cost-effective alternative for lower temperature applications. Applications where these products are used include vessels, holding tanks, furnaces, ovens, reactors, heat exchangers, air ducts and more. The tables found on this page allow customer selection of standard thermocouple types up to 16 temperature points, various sheath diameters, mounting fittings, transition options, leadwire types and terminations. Custom-built products are available upon request.



ORDER CODES

Example Order Number:

1-0 1-1 1-2 1-3 1-4 2-0 2-1 3-0 4-0 5-0 6-0
JP F (4) 48 U - 024 - (0,3,8,15) - 05C - 19 - T3072 - 6

1-0 Thermocouple Types

CODE	DESCRIPTION
JP	Type J
KP	Type K

1-1 Insulation Types

CODE	DESCRIPTION	MAX TEMP
T	Flourpolymer	200 °C
F	Fiberglass	482 °C

1-2 Number of Points

CODE
2 to 16 Points
Specify number of points in parenthesis. Example: (6) = 6 points. Maximum number of points is based on sheath diameter, see table 1-2 for maximum number of points

1-3 Sheath Diameters - 316 SS

CODE	DIAMETER (INCHES)	MAX NUMBER OF POINTS ^[1]
38	3/16"	3
48	1/4"	4
68	3/8"	10
88	1/2"	16

[1] Maximum number of points apply to sensors 20 feet or less. For lengths above 20 feet, reduce the maximum number of points by 1. Consult factory for lengths above 50 feet.

1-4 Measuring Junctions

CODE	DESCRIPTION
U	Ungrounded junction

2-0 "X" Dimension

Insert three digit sheath length ("X" Dimension) in inches

2-1 Sensor Location

Specify location of junctions from tip in inches where 0 = tip. Ex: 0,4,8,12

3-0 Sheath Mounting Fittings

CODE	DESCRIPTION
00	No Fitting
Compression Fittings	
	NPT SIZE (inches)
05A	316 Stainless steel 1/8
05B	316 Stainless steel 1/4
05C	316 Stainless steel 1/2
12A	316 SS Readjustable 1/8
12B	316 SS Readjustable 1/4
12C	316 SS Readjustable 1/2
19C	303 SS Spring-loaded well fitting 1/2

Fixed Bushings		NPT SIZE (inches)
8A_ _ ^[1]	316 SS welded bushing	1/8
8B_ _ ^[1]	316 SS welded bushing	1/4
8C_ _ ^[1]	316 SS welded bushing	1/2
8D_ _ ^[1]	316 SS welded bushing	3/4

[1] When ordering fixed bushings, specify order code above plus insert length "U", as measured from hot tip to bottom of threaded bushing. EXAMPLE: order code 8A06 is 1/8" NPT, 316 SS bushing located 6" from hot tip.

4-0 Leadwire Transitions 204 °C

CODE	DESCRIPTION
15	Extension leadwire transition with relief spring 204 °C [400 °F]
16	Extension leadwire transition with heat-shrink tubing 104 °C [220 °F]
18	Same size transition without heat-shrink tubing 204 °C [400 °F]
19	Extension leadwire transition without spring or heat-shrink tubing 204 °C [400 °F]
8HN23	1/2" x 1/2" NPT stainless steel hex nipple
8PN_23	1/2" NPT Pipe nipple, 316 SS, specify length

5-0 Extension Leadwire Type B Dimension

CODE	DESCRIPTION
F1	Fiberglass insulation - solid conductor
F1B	Fiberglass insulation - solid conductor - stainless steel overbraid
F3	Fiberglass insulation - stranded conductor
F3B	Fiberglass insulation - stranded conductor - stainless steel overbraid
T1	Fluoropolymer insulation - solid conductor
T1B	Fluoropolymer insulation - solid conductor - stainless steel overbraid
T3	Fluoropolymer insulation - stranded conductor
T3B	Fluoropolymer insulation - stranded conductor - stainless steel overbraid

6-0 Terminations

CODE	DESCRIPTION
0	Leads not stripped
2	2" split leads, 1/4" stripped
3	2" split leads, 1/4" spade lugs
4	Standard plug
5	Standard jack
6	Miniature plug
7	Miniature jack

Options

CC	Plug or jack secured to leads with cable clamp
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