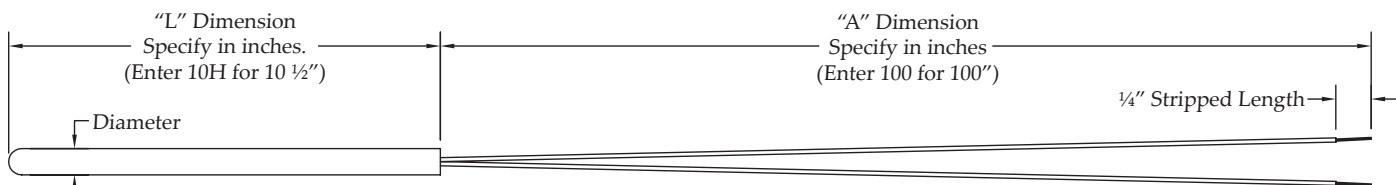


Resistance Temperature Detectors

RTD WITH LEADWIRE



STYLE R1L R1M

R1L - Maximum Temperature 500°F

R1M - Maximum Temperature 900°F

Code	Table 1: Element Type
A	100 ohm .00385 Curve Class B Platinum
B	100 ohm .00385 Curve Class A Platinum
D	500 ohm .00385 Curve Class B Platinum
E	1000 ohm .00385 Curve Class B Platinum
G	100 ohm .00392 Curve Class B Platinum
J	120 ohm .00672 Curve Nickel (R1L Only)
K	604 ohm .00520 Curve Nickel Iron (R1L Only)

Code	Table 2: Wiring Configuration
A	Single, 2 Wire
B	Single, 3 Wire (Minimum sheath diameter .156")
C	Single, 4 Wire (Minimum sheath diameter .188")
D	Dual, 4 Wire (Minimum sheath diameter .188")
E	Dual, 6 Wire (Minimum sheath diameter .250")

Code	Table 3: Sheath Material
4	304 Stainless Steel
6	316 Stainless Steel
8	Inconel 600

Code	Table 4: Sheath Diameter
B	.125" or 1/8" O.D.
V	.156" or 5/32" O.D.
C	.188" or 3/16" O.D.
D	.250" or 1/4" O.D.
F	.375" or 3/8" O.D.

Code	Table 5: Sheath Length ("L" Dimension)
	Specify in inches. See table on page 4 for codes.

Code	Table 6: Lead Length ("A" Dimension)
	Specify in inches. See table on page 4 for codes.

Code	Table 7: Leadwire Type
A	Stranded Fiberglass Singles
B	Stranded Fiberglass with Overall Fiberglass Jacket
C	Stranded Fiberglass with Stainless Steel Overbraid
D	Stranded Fiberglass with Stainless Steel Armor
E	Stranded Mica/Fiberglass Singles
F	Stranded Teflon Singles (R1L Only)
G	Stranded Teflon with Overall Teflon Jacket (R1L Only)
J	Stranded Teflon with Stainless Steel Overbraid (R1L Only)
K	Stranded Teflon with Stainless Steel Armor (R1L Only)
M	PVC with Mylar Shield (R1L Only)

Code	Table 8: Terminations
0	2" Split Ends
1	#6 Spade Lug
2	BX Connector with #6 Spade Lug
3	Standard Plug
A	3/16" Quick Disconnect
B	3/16" Quick Disconnect, Insulated
C	1/4" Quick Disconnect
D	1/4" Quick Disconnect, Insulated
M	Mini Plug
X	Special, Specify

Code	Table 9: Fitting Options
0	No Fitting
N	1/8" NPT Compression, Brass
P	1/8" NPT Compression, Stainless Steel
R	1/4" NPT Compression, Brass
S	1/4" NPT Compression, Stainless Steel
V	1/2" NPT Compression, Stainless Steel
X	Special, Specify

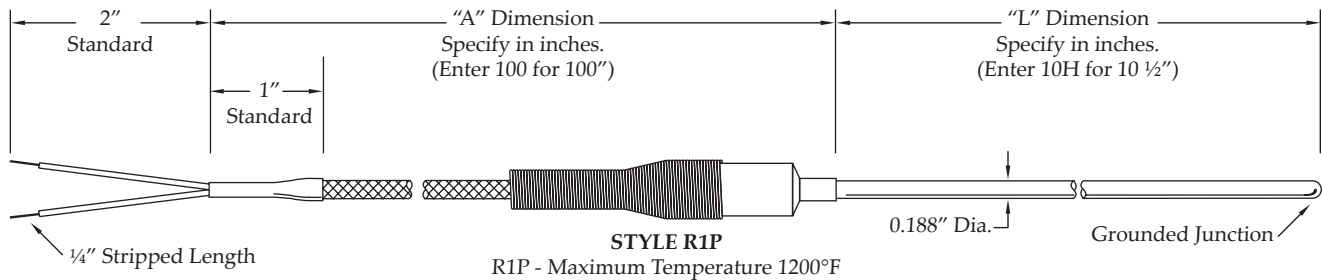
Part Number Sequence

R1L-AB-4F100-100FCR

R1L	-	A		B	-	4		F		100	-	100		F		C		R
R1L or R1M	Table 1	Table 2	Table 3	Table 4	Table 5	Table 6	Table 7	Table 8	Table 9									
Sensor Type & Style No.	Element Type	Wiring Configuration	Sheath Material	Sheath Diameter	"L" Sheath Length	"A" Lead Length	Leadwire Type	Terminations	Fitting Options									

Resistance Temperature Detectors

HIGH TEMPERATURE RTD WITH LEADWIRE



Code	Table 1: Element Type
A	100 ohm .00385 Curve Class B Platinum
B	100 ohm .00385 Curve Class A Platinum
D	500 ohm .00385 Curve Class B Platinum
E	1000 ohm .00385 Curve Class B Platinum
G	100 ohm .00392 Curve Class B Platinum

Code	Table 7: Leadwire Type
A	Stranded Fiberglass Singles
B	Stranded Fiberglass with Overall Fiberglass Jacket
C	Stranded Fiberglass with Stainless Steel Overbraid
D	Stranded Fiberglass with Stainless Steel Armor
E	Stranded Mica/Fiberglass Singles

Code	Table 2: Wiring Configuration
A	Single, 2 Wire
B	Single, 3 Wire (Minimum sheath diameter .156")
C	Single, 4 Wire (Minimum sheath diameter .188")
D	Dual, 4 Wire (Minimum sheath diameter .188")
E	Dual, 6 Wire (Minimum sheath diameter .250")

Code	Table 3: Sheath Material
4	304 Stainless Steel
6	316 Stainless Steel
8	Inconel 600

Code	Table 4: Sheath Diameter
B	.125" or 1/8" O.D.
V	.156" or 5/32" O.D.
C	.188" or 3/16" O.D.
D	.250" or 1/4" O.D.
F	.375" or 3/8" O.D.

Code	Table 5: Sheath Length ("L" Dimension)
	Specify in inches. See table on page 4 for codes.

Code	Table 6: Lead Length ("A" Dimension)
	Specify in inches. See table on page 4 for codes.

Code	Table 8: Terminations
0	2" Split Ends
1	#6 Spade Lug
2	BX Connector with #6 Spade Lug
3	Standard Plug
A	3/16" Quick Disconnect
B	3/16" Quick Disconnect, Insulated
C	1/4" Quick Disconnect
D	1/4" Quick Disconnect, Insulated
M	Mini Plug
X	Special, Specify

Code	Table 9: Fitting Options
0	No Fitting
N	1/8" NPT Compression, Brass
P	1/8" NPT Compression, Stainless Steel
R	1/4" NPT Compression, Brass
S	1/4" NPT Compression, Stainless Steel
V	1/2" NPT Compression, Stainless Steel
X	Special, Specify

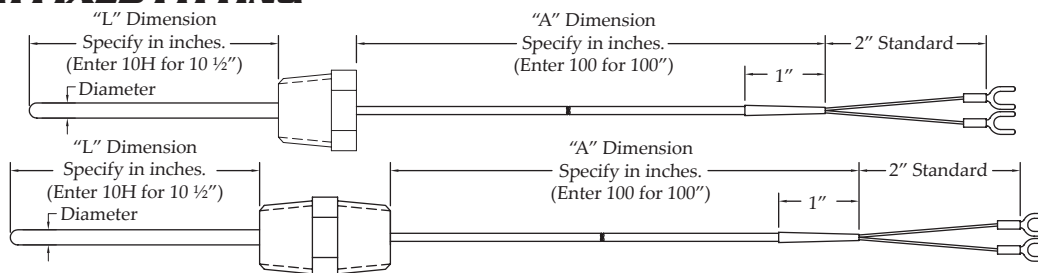
Part Number Sequence

R1P-AA-4B09H-072ECR

R1P	-	A		A	-	4		B		09H	-	072		E		C		R
R1P		Table 1		Table 2		Table 3		Table 4		Table 5		Table 6		Table 7		Table 8		Table 9
Sensor Type & Style No.		Element Type		Wiring Configuration		Sheath Material		Sheath Diameter		"L" Sheath Length		"A" Lead Length		Leadwire Type		Terminations		Fitting Options

Resistance Temperature Detectors

RTD WITH FIXED FITTING



STYLE R2L, R2M or R2P

R2L - Maximum Temperature 500°F

R2M - Maximum Temperature 900°F

R2P - Maximum Temperature 1200°F

Code	Table 1: Element Type
A	100 ohm .00385 Curve Class B Platinum
B	100 ohm .00385 Curve Class A Platinum
D	500 ohm .00385 Curve Class B Platinum
E	1000 ohm .00385 Curve Class B Platinum
G	100 ohm .00392 Curve Class B Platinum
J	120 ohm .00672 Curve Nickel (R2L Only)
K	604 ohm .00520 Curve Nickel Iron (R2L Only)

Code	Table 2: Wiring Configuration
A	Single, 2 Wire
B	Single, 3 Wire (Minimum sheath diameter .156")
C	Single, 4 Wire (Minimum sheath diameter .188")
D	Dual, 4 Wire (Minimum sheath diameter .188")
E	Dual, 6 Wire (Minimum sheath diameter .250")

Code	Table 3: Sheath Material
4	304 Stainless Steel
6	316 Stainless Steel
8	Inconel 600

Code	Table 4: Sheath Diameter
B	.125" or 1/8" O.D.
V	.156" or 5/32" O.D.
C	.188" or 3/16" O.D.
D	.250" or 1/4" O.D.
F	.375" or 3/8" O.D.

Code	Table 5: Sheath Length ("L" Dimension)
	Specify in inches. See table on page 4 for codes.

Code	Table 6: Lead Length ("A" Dimension)
	Specify in inches. See table on page 4 for codes.

Code	Table 7: Leadwire Type
A	Stranded Fiberglass Singles
B	Stranded Fiberglass with Overall Fiberglass Jacket
C	Stranded Fiberglass with Stainless Steel Overbraid
D	Stranded Fiberglass with Stainless Steel Armor
E	Stranded Mica/Fiberglass Singles
F	Stranded Teflon Singles (R2L Only)
G	Stranded Teflon with Overall Teflon Jacket (R2L Only)
J	Stranded Teflon with Stainless Steel Overbraid (R2L Only)
K	Stranded Teflon with Stainless Steel Armor (R2L Only)
M	PVC with Mylar Shield (R2L Only)

Code	Table 8: Spring Loaded Options
1	Fixed Fitting
2	Spring Loaded Fitting

Code	Table 9: Terminations
0	2" Split Ends
1	#6 Spade Lug
2	BX Connector with #6 Spade Lug
3	Standard Plug
A	3/16" Quick Disconnect
B	3/16" Quick Disconnect, Insulated
C	1/4" Quick Disconnect
D	1/4" Quick Disconnect, Insulated
M	Mini Plug
X	Special, Specify

Code	Table 10: Fitting Options
1	1/4" NPT x 1/4" NPT Brass Hex Nipple
2	1/4" NPT x 1/4" NPT Stainless Steel Hex Nipple
5	1/2" NPT x 1/2" NPT Brass Hex Nipple
6	1/2" NPT x 1/2" NPT Stainless Steel Hex Nipple
C	1/4" NPT Brass Bushing
D	1/4" NPT Stainless Steel Bushing
G	1/2" NPT Brass Bushing
H	1/2" NPT Stainless Steel Bushing
X	Special, Specify

Part Number Sequence R2P-EB-4V12F-018E1CC

R2P	-	E	B	-	4	V	12F	-	018	E	1	C	C
R2L, R2M, R2P		Table 1	Table 2		Table 3	Table 4	Table 5		Table 6	Table 7	Table 8	Table 9	Table 10
Sensor Type & Style No.		Element Type	Wiring Configuration		Sheath Material	Sheath Diameter	"L" Sheath Length		"A" Lead Length	Leadwire Type	Spring Loading	Terminations	Fitting Options