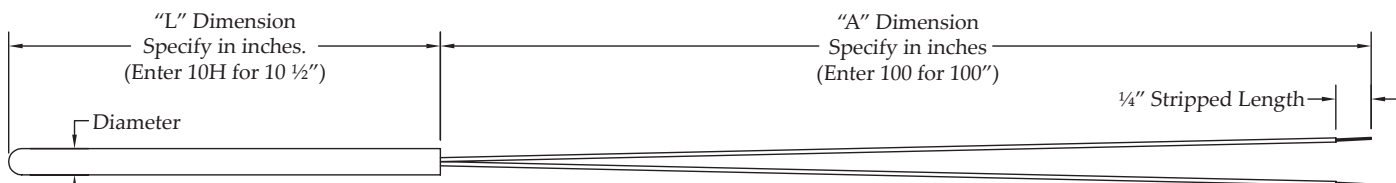




closing the loop on thermal solutions

# 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									