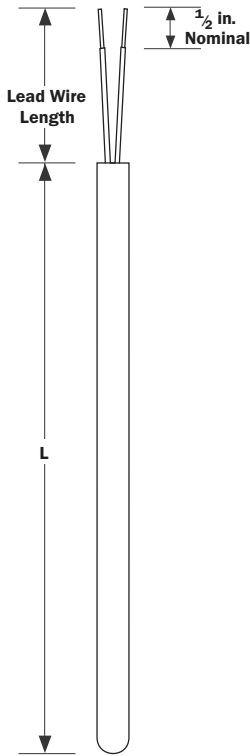


RTD - Standard Industrial Insulated Leads

Style RB



Features and Benefits

High accuracy

- Dependable readings

Customized diameters

- From 0.125 to 0.250 inch

Epoxy sealed

- Resist moisture and pull out
- Standard 260°C (500°F) potting

Durable rigid sheath

- 316 stainless steel -50 to 260°C (-58 to 500°F)

Internal heat transfer paste

- Quick time response



1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
R B A

3. Sheath O.D. (inch)

G = 0.125
H = 0.188
J = 0.250

4. Lead Wire Construction^①

	Standard	Overbraid	Flex	Armor
Fiberglass Stranded	A	J ^②	R ^②	
PFA or TFE Stranded	B	L ^②	T ^②	

5. Fittings

If required, enter order code from "Fitting Options".
If none, enter "0"

6. Lead Wire Termination

A^③ = Standard male plug 200°C (400°F)
B^③ = Standard female plug
C^③ = Standard plug with mating connector
J^③ = Male miniature plug
K^③ = Female miniature jack
L^③ = Male/female mini set
T = Standard leads
U = Leads with spade lugs

7. Sheath Construction

A = 316 SS

8-9. Sheath Length "L" (inch)

02, 04 and 06
Whole inches: 01* to 99
Metric lengths and lengths over 99 inches consult factory.

10. Sheath Length "L" (fractional inch)

0 = No fraction, whole inches
1 = 1/8 3 = 3/8 5 = 5/8 7 = 7/8
2 = 1/4 4 = 1/2 6 = 3/4

11. Element

	2-wire	3-wire	4-wire
100Ω Single	A	B	C

12. Temperature Coefficient

DIN 0.00385
A = Class A
B = Class B

13-14. Lead Wire Length (foot)

02 and 04
Whole feet: 01 to 99

15. Special Requirements

0 = None
X = Special requirements, consult factory

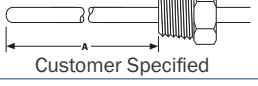

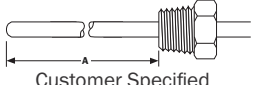
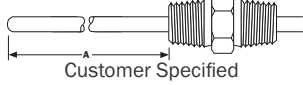
^①Certain option combinations must be furnished with a transition between the sheath and lead wire, consult factory if transition is unacceptable.


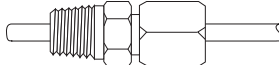
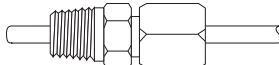
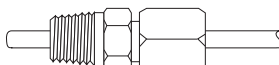

^②May require transition.

^③Requires two- or three-wire, single element only.

* One inch sheath length for 0.188 diameter requires a crimp tube within the last half inch of the tube.

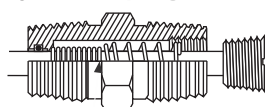
Fitting Options

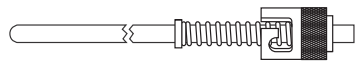
Fitting Type	Material	Sheath Sizes (in.)	NPT Thread Size (in.)	HEX Size (in.)	Length (in.)	Order Code
Fixed Single Thread 1/8 NPT  Customer Specified	303 SS	0.063 to 0.250	1/8	7/16	11/16	A
Fixed Single Thread 1/4 NPT  Customer Specified	303 SS	0.125 to 0.250	1/4	9/16	7/8	B
Fixed Single Thread 1/2 NPT  Customer Specified	303 SS	0.125 to 0.250	1/2	7/8	1	D
Fixed Double Thread 1/2 NPT  Customer Specified	303 SS	0.125 to 0.250	1/2	7/8	1 3/4	F

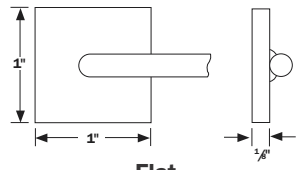
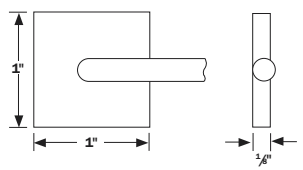
Fitting Type	Material	Sheath Sizes (in.)	NPT Thread Size (in.)	HEX Size (in.)	Length (in.)	Order Code
Non-Adjustable Compression Brass 	Brass	0.125	1/8	1/2	1	J
		0.188	1/8	1/2	1 1/8	J
		0.250	1/8	1/2	1 3/16	J
Non-Adjustable Compression SS 	303 SS	0.063	1/8	1/2	1 1/4	L
		0.125	1/8	1/2	1 1/4	L
		0.188	1/8	1/2	1 5/16	L
		0.250	1/8	1/2	1 5/16	L
Adjustable Compression Neoprene Gland 	303 SS	0.063	1/8	1/2	1 1/4	N
		0.125	1/8	1/2	1 1/4	N
		0.188	1/8	1/2	1 1/4	N
		0.250	1/4	7/8	2 7/16	P
Adjustable Compression TFE Gland 	303 SS	0.063	1/8	1/2	1 1/4	G
		0.125	1/8	1/2	1 1/4	G
		0.188	1/8	1/2	1 1/4	G
		0.250	1/4	7/8	2 7/16	X
Adjustable Compression Lava Gland 	303 SS	0.063	1/8	1/2	1 1/4	Q
		0.125	1/8	1/2	1 1/4	Q
		0.188	1/8	1/2	1 1/4	Q
		0.250	1/4	7/8	2 7/16	V

Compression Fittings: Compression fittings are shipped finger-tight on the sheath allowing field installation. Once non-adjustable fittings are deformed, they cannot be relocated. Adjustable fittings come with neoprene, TFE or lava sealant glands.

Fitting Options (cont'd)

Fitting Type	Material	Sheath Sizes (in.)	NPT Thread Size (in.)	HEX Size (in.)	Length (in.)	Order Code
Adjustable Spring Loaded 	316 SS	0.250	1/2	7/8	2	H

Fitting Type	Material	Sheath Sizes (in.)	Length (in.)	Order Code
Bayonet Lockcap and Spring 	Plated Steel	0.125	1 5/8	W
	Plated Steel	0.188	1 5/8	W

Weld Pad Type	Material	Order Code
 <p>Flat</p>	304 SS*	2
 <p>Milled Slot</p>	304 SS	5

*Alloy 600 available on special order and recommended for use with alloy 600 sheath.

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