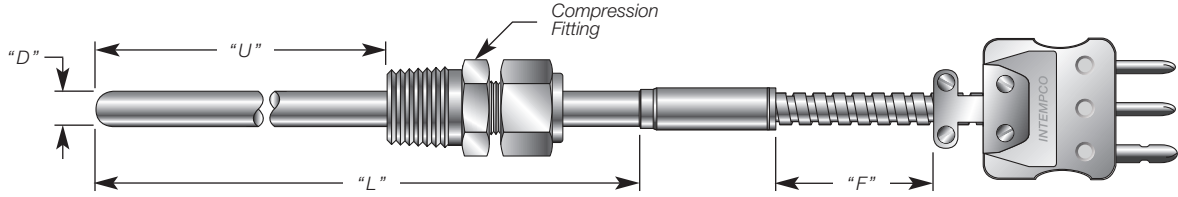


RTD R22

Direct Immersion RTD
w/Connector & Extension Cable



Custom Builder

MODEL 1 2 3 4 5 6 7 8 9 10 11

R_22 - - - - - - - - - - - -

MODEL CODE	Temperature Range
L	Low temperature -50 to 200°C (-58/392°F)
M	Medium temperature -50 to 400°C (-58/752°F)
H	High temperature -200 to 600°C (-328/1112°F)

BOX 2 CODE	Element Type
P	100Ω @ 0°C, α = 0.00385 DIN EN 60751
T	1000Ω @ 0°C, α = 0.00385 DIN EN 60751

BOX 2 CODE	Element Tolerance
1	±0.12% (±0.3°C) @ 0°C, Class B
2	±0.06% (±0.15°C) @ 0°C, Class A
3	±0.04% (±0.1°C) @ 0°C, Class AA

Other tolerances available. Consult factory.

BOX 3 CODE	RTD Circuit Type
S2	Single, 2 wire
S3	Single, 3 wire
S4	Single, 4 wire
D2	Dual, 2 wire
D3	Dual, 3 wire

Note : 1. Dual RTD's require 0.187 O.D. min.
2. S3 industry standard circuit
3. S4, D4 circuits most accurate

BOX 4 CODE	Probe Diameter "D"
062	1/16"
125	1/8"
187	3/16"
250	1/4"
312	5/16"
375	3/8"
500	1/2"

BOX 5 CODE	Probe Material
S	Stainless steel 316/316L
I	Inconel 600

BOX 6 CODE	Fitting Type
0	None
A**S	Adjustable fitting *
Ferrule material : <i>A = Stainless steel* B = Brass* T = Teflon*</i> <i>* Not readjustable with metal ferrule</i> Fitting material : <i>S = Stainless steel B = Brass</i> Ex.: T14B = Teflon® ferrule, 1/4" NPT, Brass fitting	
F**S	Fixed fitting (SS316)
Process NPT size : ** 18 = 1/8" NPT 14 = 1/4" NPT 38 = 3/8" NPT 12 = 1/2" NPT 34 = 3/4" NPT	

BOX 7 CODE	Immersion Length "U"
---	In 0.1" increments Ex.: 010 = 1.0" long

For adjustable fitting enter "U" = 1.0" (Code 010)

BOX 8 CODE	Lead Wire Insulation "F"		
	Each Cond.	Overall Jacket	Temp. Range
T	Teflon (FEP)	Teflon (FEP)	200°C (392°F)
T1	Teflon (TFE)	None	260°C (500°F)
F	Teflon (TFE)	Teflon (TFE)	260°C (500°F)
M	Teflon (FEP)	Alum. Mylar Drain Wire Teflon	200°C (392°F)
K	Kapton	Kapton	260°C (500°F)
G	Glass	Glass	482°C (900°F)

Note : 1. For SS armor over extension cable, add "A" to code E.g.: **TA**
3. For SS overbraid over extension cable, add "S" to code E.g.: **TS**

BOX 9 CODE	Extension Cable Length "F"
---	In inches Ex.: 060 = 60" long

BOX 10 CODE	Terminal Type	
0	6" bare leads	
1P	Miniature 2-pole plug	
2P	Standard 2-pole plug	
3P	Standard 3-pole plug	
4P	Standard 2-pole plug with external strain relief	
D4P	Dual-STD 2-pole plug with external strain relief	

Note : 1. For use to 205°C (400°F)
2. For high temp. (to 425°C) add "H" to code, E.g.: **1PH**
3. For female jack instead of plug, change "P" to "J"
4. For mating female jack add "J" to code

BOX 11 CODE	Probe Length "L"
---	In 0.1" increments Ex.: 065 = 6.5" long