



## Custom Builder

MODEL 1 2 3 4 5 6 7 8 9

**R\_19** -  -  -  -  -  -  -  -  -  -

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

Other elements available. Consult factory.

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 circuit 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"

Other diameters available. Consult factory.

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

Other materials available. Consult factory.

BOX 6 CODE	Fitting Type
0	None
A**S	Adjustable fitting *
<b>Ferrule material :</b> A = Stainless steel* B = Brass* T = Teflon® * Not readjustable with metal ferrule	
<b>Fitting material :</b> S = Stainless steel (SS316) B = Brass Ex.: T14B = Teflon® ferrule, 1/4" NPT Brass fitting A12S = Stainless ferrule, 1/2" NPT Stainless fitting	
F**S	Fixed fitting (SS316)
<b>Process NPT size :</b> ** 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	Terminal Type
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°C)  
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 9 CODE	Probe Length "L"
---	In 0.1" increments Ex.: 065 = 6.5" long