

ORDERING INFORMATION

- Model : R99 ☐ 1(Single, 2-Wire) ☐ 2(Double, 4-Wire)
- Head Type : Non head(Extension lead wire type)
 - ☐ P : Non head and ungrounded
 - ☐ Q : Non head and grounded
- Element(Tolerance)
 - * Grade : Standard 0.75 / 0.5("E", "B")
 - ☐ K : K ☐ J : J ☐ T : T ☐ E : E ☐ N : N
 - * Grade : Special 0.4
 - ☐ 1 : K ☐ 2 : J ☐ 3 : T ☐ 4 : E ☐ 5 : N
 - ☐ Z : Other _____
- Sheath material
 - ☐ 2 : Inconel600 ☐ 3 : 310SS
 - ☐ 4 : 446SS ☐ 5 : 347SS ☐ 6 : 321SS
 - ☐ 7 : 316L SS ☐ 9 : Other _____
- Sheath outer diameter(øD)
 - ☐ D : 3.2 ☐ E : 4.8 ☐ Z : Other _____
 - (If you need other sheath outer diameter, please contact the head office.)
- Welded pad type : Sheet metal type
- Conduit connection 7 : None
- Mounting & Connection type
 - ☐ AAA : None
- Insert length "L" : _____(mm)

* Sleeve

Out dia.(ød)(mm) : ☐ 8 ☐ Other _____

Length "T"(mm) : ☐ 45 ☐ Other _____

* Pad Size : 30 x 20 x 0.16

* Pad material : ☐ 316L SS ☐ Inconel600

* Make spot-welding 30 points or more.







GENERAL SPECIFICATION

- Sheath resistance temp. detector (Extension lead wire type)
- Insulation material for lead wires
 - ☐ PVC ☐ Teflon
 - ☐ Non-asbestos ☐ Outer Shield
 - ☐ Silicon
 - ☐ Other _____
- Jacket material for flexible tubing
 - ☐ Shrink tube ☐ PVC coating
 - ☐ None

* Terminal lug : Y Type(St'd)

☐ O Type ☐ I Type ☐ none



*The Colors of each wires can be replaced with the ones of the user's choice. *Use PVC standard colors									
Element type		□ EN(IEC)		□ ANSI		□ JIS(KS)			
		+	-	+	-	+	-		
SINGLE WIRE	 (+)	K	Green	White	Yellow	Red	Red	White	
	 (-)	E	Purple	White	Purple	Red	Red	White	
RECORD WIRE	 (+)	J	Black	White	White	Red	Red	White	
	 (-)	T	Brown	White	Blue	Red	Red	White	
	 (+)	B	Gray	White	Gray	Red	Red	White	
	 (-)	S,R	Orange	White	Black	Red	Red	White	

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THIRD ANGLE PROJECTION



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3						LENGTH (UNIT:mm)			PREPARED BY	S.M.JUNG	23.05.25	DRAWING TITLE : Sheathed thermocouple				
2						Parts	Nominal Length	Tolerance	REVIEWED BY	H.J.KIM	23.05.25	MODEL : R990				
1						Metal Sheathed R.T.D & T.C R.T.D units	Below 250	±3				PROJECT : –				
NO	REASON	DATE	PREPARED BY	REVIEWED BY	APPROVED BY		250 & Above, Below 1000	±5				APPROVED BY	H.J.KIM	23.05.25	DWG NO. : R990P–NN–01	
REVISION							1000 & Above	±10	REV. NO.	0	SCALE : N/S				W.T.	SHEET OF
							Extension Lead wires	Below 1000								
							1000 & Above									