



ORDERING INFORMATION

- Model : R99 ☐ 1(Single, 2-Wire)
☐ 2(Double, 4-Wire)
- Head Type (Armored 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(ϕD)
☐ 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
- 8.9. Mounting & Connection type
☐ AAA : None
10. Insert length "L" : _____(mm)

* Sleeve

Out dia.(ϕd)(mm) : ☐ 12 ☐ Other _____

Length "T"(mm) : ☐ 50 ☐ 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
	(-)	E	Purple	White	Purple	Red	White
BUNDLE WIRE	(+)	J	Black	White	White	Red	Red
	(-)	T	Brown	White	Blue	Red	White
	(+)	B	Gray	White	Gray	Red	White
	(-)	S,R	Orange	White	Black	Red	White

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THIRD ANGLE PROJECTION



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WISE Control Inc.

						LENGTH (UNIT:mm)				SIGNATURE	DATE	DRAWING TITLE : Sheathed thermocouple		
3						Parts	Nominal Length	Tolerance	PREPARED BY	S.M.JUNG	23.05.25	MODEL : R990		
2						Metal Sheathed R.T.D & T.C R.T.D units	Below 250	±3	REVIEWED BY	H.J.KIM	23.05.25	PROJECT : –		
1							250 & Above, Below 1000	±5	APPROVED BY	H.J.KIM	23.05.25	DWG NO. : R990P–NN–02		
NO	REASON		DATE	PREPARED BY	REVIEWED BY		APPROVED BY	1000 & Above	±10					
REVISION						Extension Lead wires	Below 1000	±10	REV. NO.	0		SCALE : N/S	W.T.	SHEET OF
							1000 & Above							