

GENERAL SPECIFICATION

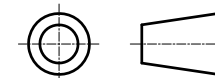
- Head
Material : Aluminum alloy(Standard)
Option : ☐ 304SS ☐ 316SS
Surface color : Metallic silver
Construction : Weatherproof
- Terminal block material : Ceramic
- Element outer diameter
☐ 0.5 ("R", "B", "S" Type)
☐ 3.2 (Only "K" Type)
- Conduit connection ☐ With adaptor ☐ None
☐ 1 : PF 1/2" ☐ 2 : PT 1/2" ☐ 3 : NPT 1/2"
☐ 4 : PF 3/4" ☐ 5 : PT 3/4" ☐ 6 : NPT 3/4"
☐ 8 : M20x1.5P ☐ 9 : Other _____
* Conduit adaptor material :
☐ Brass+Ni.plating ☐ 304SS ☐ 316SS
(Only 'PT' Thread)

ORDERING INFORMATION

- Model : R70 ☐ 1 (Single, 2-Wire)
☐ 2 (Double, 4-Wire)
- Head Type
0 : General (Weatherproof)
- Element(Tolerance)
☐ K : K(0.75) ☐ B : B(0.5)
☐ R : R(0.25) ☐ S : S(0.25)
- Mounting type (Nipple) length "A"
☐ E : 100 ☐ F : 150
☐ G : 300 ☐ Other _____
* Nipple O.D(øDn) & material : _____
☐ ø21.7 ☐ ø27.2
- Outer protection tube outer diameter(øD)
☐ 00 : 8.0mm ☐ 10 : 10mm ☐ 20 : 13mm
☐ 25 : 15mm ☐ 30 : 17mm ☐ 40 : 21(20)mm
- Outer protection tube material
☐ 1 : SSA-S (8~25 mm) ☐ 3 : HB (8~21 mm)
☐ Other : _____
* Inner tube outer diameter(ød)
☐ 8.0mm ☐ 10mm ☐ 13mm ☐ None
- Inner tube material
☐ 0 : None ☐ 1 : SSA-S ☐ 3 : HB
☐ 5 : Inconel 600 ☐ 9 : Other _____
- Connection type
☐ EB : PT 1/2" ☐ EC : NPT 1/2"
☐ FB : PT 3/4" ☐ FC : NPT 3/4"
☐ ZZ : Other _____
- Insert length "L" : _____ (mm)

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THIRD ANGLE PROJECTION



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5					
4					
3					
2					
1					
NO	REASON	DATE	PREPARED BY	REVIEWED BY	APPROVED BY

REVISION

LENGTH (UNIT:mm)		
Parts	Nominal Length	Tolerance
Ceramic Protection Tube	Below 500	±5
	250 & Above, Below 1000	±10
	1000 & Above	±15
Extension Lead wires	Below 1000	±10
	1000 & Above	±15

THIRD ANGLE PROJECTION		SIGNATURE	DATE
PREPARED BY	S.M.JUNG	23.05.25	
REVIEWED BY	H.J.KIM	23.05.25	
APPROVED BY	H.J.KIM	23.05.25	
REV. NO.	0		

DRAWING TITLE :Non-metallic protection tube thermocouple	
MODEL : R700	
PROJECT : -	
DWG NO. : R7000-NL-01	
SCALE : N/S	W.T. SHEET OF