

GENERAL SPECIFICATION

- Head
 - Material : Aluminum alloy(Standard)
 - Option : ☐ 316SS
 - Surface color : Metallic silver
 - Construction : Explosion proof
 - Enclosure class : Ex d IIC T6 (KCs)
- Terminal block material
 - ☐ PBT resin(St'd) ☐ Ceramic
- Element outer diameter
 - ☐ 0.5 ("R", "B", "S" Type)
 - ☐ 3.2 (Only "K" Type)
- Conduit connection ☐ With adaptor ☐ None
 - ☐ 1 : PF 1/2" ☐ 3 : NPT 1/2"
 - ☐ 4 : PF 3/4" ☐ 6 : NPT 3/4"
 - ☐ 8 : M20x1.5P ☐ 9 : Other _____

* Conduit adaptor material :
☐ Brass+Ni.plating ☐ 316SS

ORDERING INFORMATION

- Model : R97 ☐ 1 (Single, 2-Wire) ☐ 2 (Double, 4-Wire)
- Head material and tip shape type
 - ☐ A : ALDC head and ungrounded
 - ☐ B : 316SS head and ungrounded
- Element(Tolerance)
 - ☐ K : K(0.75) ☐ B : B(0.5) ☐ 1 : K(0.4)
 - ☐ R : R(0.25) ☐ S : S(0.25)
- Mounting type (Support tube) length "A"
 - ☐ B : 100 ☐ C : 150
 - ☐ D : 300 ☐ Z : Other _____

* Nipple O.D(φDn) & material : _____
- Outer protection tube outer diameter(φD)
 - ☐ 00 : 8.0mm ☐ 10 : 10mm ☐ 20 : 13mm
 - ☐ 25 : 15mm ☐ 30 : 17mm ☐ 40 : 21(20)mm
 - ☐ 50 : 25mm ☐ 60 : 30mm ☐ 70 : 40mm
- Outer protection tube material
 - ☐ 1 : SSA-S (8~25 mm) ☐ 3 : HB (8~21 mm)
 - ☐ 4 : GK-Sic(25~40 mm) ☐ 7 : Other _____

* Inner tube outer diameter(φd)

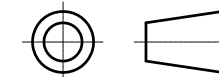
 - ☐ 8.0mm ☐ 10mm ☐ 13mm ☐ None
- Inner tube material
 - ☐ 0 : None ☐ 1 : SSA-S ☐ 3 : HB
 - ☐ 5 : Inconel600 ☐ 9 : Other _____
- Connection type
 - ☐ AA : None
- Insert length "L" : _____ (mm)

*All Dimension for reference

Tube (Non-metallic)	Nipple(φDn)
φ8,10	φ22.3x0.9t(304SS)
φ15,17	φ22.3x1t(316SS)
φ20,21	φ27.2x2t
φ25	φ31.8x1.5t(304SS)
φ40	φ31.8x1.2t(316SS)
	φ46x1.5t

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THIRD ANGLE PROJECTION



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3						LENGTH (UNIT:mm)			PREPARED BY	S.M.JUNG	23.05.25	thermocouple		
2						Parts	Nominal Length	Tolerance				MODEL : R970		
1						Ceramic Protection Tube	Below 500	±5	REVIEWED BY	H.J.KIM	23.05.25	PROJECT : -		
NO	REASON	DATE	PREPARED BY	REVIEWED BY	APPROVED BY		250 & Above, Below 1000	±10				APPROVED BY	H.J.KIM	23.05.25
REVISION							1000 & Above	±15	REV. NO.	0				
						Extension Lead wires	Below 1000	±10						
							1000 & Above							