



EX-R1

EX Series-RTD/TC Explosion proof type



Application

〈 Feature 〉

- RTD / Explosionproof junction box equipped
- Welding fixed thread type
- Junction box : KT cast aluminum explosion-proof head
- ATEX : EX d IIC T6 IP68 ; Ex tD A21 T100 °C IP68
- CE 0086 ; EX II 2 GD
- BSi 07ATEX1532458U
- According to the IEC 751 standard

〈 Application 〉

- Dust Environment, Chemical Industry, Power Plant

Specification

Resistance	PT 100Ω / PT 500Ω / PT 1000Ω
Output	PT 100Ω / 4 ... 20 mA
Accuracy	A ± (0.15 + 0.002 t) B ± (0.3 + 0.005 t)
Certification	ATEX : EX d IIC T6 IP68 ; Ex tD A21 T100 °C IP68 CE 0086 ; EX II 2 GD ; BSi 07ATEX1532458U
Protection tube material	SUS304 / SUS316L
Junction Box	KT cast aluminum explosion-proof head

Ordering Guide

type	EX-R1	PT1	-	A	-	2	-	KT	-	1/4	-	5	-	100	-	316	
Resistance	PT100	1															
	PT500	2															
	PT1000	3															
Accuracy	A ± (0.15 + 0.002 t)		-	A													
	B ± (0.3 + 0.005 t)		-	B													
Group	Single group (default)				-	1											
	2 group (optional)				-	2											
Junction Box	KT cast aluminum Explosion-proof head							-	KT								
Screw thread	1/4									-	1/4						
	1/2 (Customization)									-	1/2						
Protection tube OD	5 Ø											-	5				
	6 Ø											-	6				
	6.3 Ø											-	6.3				
	8 Ø											-	8				
	9.5 Ø											-	9.5				
Protection tube length	L mm (optional)													-	100		
Protection tube material	SUS 304 (default)															-	304
	SUS 316L (optional)															-	316

Dimension

