



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

## Dimension

