



EX-RT3

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 100 Ω / PT 500 Ω / PT 1000 Ω
Output	PT 100 Ω / 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 G ; BSi 07ATEX1532458UD
Protection tube material	SUS304 / SUS316L
Junction Box	KT cast aluminum explosion-proof head

◆ Standard configuration

Internal thread	Outernal thread	Internal tube	Outernal tube
1/4" ; 1/2"	1/2" ; 3/4"	6.3Ø	9.5Ø
1/2"	1/2" ; 3/4 ; 1"	8Ø	12.7Ø

Ordering Guide

type	EX-RT3	PT1	-	A	-	2	-	KT	-	1/4	-	1/2	-	9.5	-	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									
Casing outer tooth screw	1/2" 3/4" 1"											-	1/2" 3/4" 1"						
Protection tube OD	9.5 Ø 12.7 Ø												-	9.5 12.7					
Protection tube length	L (mm) (optional)														-	100			
Protection tube material	SUS304 (default) SUS316L (optional)																	-	304 316

Dimension

