



EX-T1

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	K : Ni-Cr / Ni-Al ; J : Fe / Cu-Ni E : Ni-Cr/Cu-Ni ; T : Cu/Cu-Ni
Output	K/I/E/T : 4 ... 20 mA / mV
Accuracy	0.4 ± (0.004 x l t l) 0.75 ± (0.0075 x l t l)
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

◆ Standard configuration

Internal thread	Outernal thread	Internal tube	Outernal tube
1/4" ; 1/2"	1/2" 5kg, 1/2" 10kg	6.3Ø	9.5Ø
1/2"	1/2" 5kg, 1/2" 10kg	8Ø	12.7Ø

Ordering Guide

type	EX-T1	K	-	1.0	-	KT	-	1/4	-	8	-	100	-	316
Resistance	K : Ni-Cr / Ni-Al J : Fe / Cu-Ni Ni-Cr / Cu-Ni Cu / Cu-Ni	K J E T												
Wire OD	0.65 mm 650 ... 850 °C 1.0 mm 750 ... 950 °C		-	0.65 1.0										
Junction Box	KT cast aluminum Explosion-proof head				-	KT								
Screw thread	1/4 1/2 (optional)						-	1/4 1/2						
Protection tube OD	8 Ø 9.5 Ø 12.7 Ø								-	8 9.5 12.7				
Protection tube length	L (mm) (optional)										-	100		
Protection tube material	SUS304 (default) SUS316L (optional)												-	304 316

Dimension

