

Ordering Information for AM-TE08 Series

Model	Product Description		
AM-TE08	Non Metallic Protection Tube Thermocouple Sensor		
Code(1)	Connection Head type	Explosion Proof	
1	Explosion Proof Aluminum Head (Dual Conduits)	Eex d IIC T5	
2	Explosion Proof Aluminum Head (Single Conduits)	Eex d IIB+H2 T6	
3	General Aluminum Head (Single Conduits)	None(IP65)	
4	General Stainless Steel Head (Single Conduits)	None(IP65)	
Code(2)	Element Type	Thermocouple Wire Alloys	Temperature Range
B	Thermocouple "B"	Pt Rh30 / Pt Rh6	200 ~ 1700°C
R	Thermocouple "R"	Pt Rh13 / Pt	0 ~ 1600°C
S	Thermocouple "S"	Pt Rh10 / Pt	0 ~ 1600°C
K	Thermocouple "K"	Chromel / Alumel	-200 ~ 1200°C
X	Others		
Code(3)	Terminal		
S	Single junction		
D	Dual junction		
Code(4)	Lead wire termination		
2	2-wire		
4	2-wire duplex		
6	2-wire triplex		
Code(5)	Construction		
05	Ceramic Protection tube type with Metal support and Slide flange		
06	Screwed-in Ceramic Protection tube type with Hex. Nipple		
07	Ceramic Protection tube type with Fixed flange		
08	Ceramic Protection tube type with Fixed flange on Metal support		
09	Dual Protection tube type Inner Ceramic and Outer Metal tube with Slide flange		
10	Screwed-in Dual Protection tube type Inner Ceramic and Outer Metal tube with Hex. Nipple		
11	Dual Protection tube type Inner Ceramic and Outer Metal tube with Fixed flange		
12	Dual Ceramic Protection tube type with Slide flange		
13	Screwed-in Dual Ceramic protection tube type with Hex. Metal support		
14	Dual Ceramic Protection tube type with Fixed flange		
15	Dual Ceramic Protection tube type with Fixed flange on Metal support		
Code(6)	Ceramic Protection tube Material		
A	PT-1 (Mullite, 60% Alumina-40% Silica)		
B	PT-0 (Recrystallized Alumina, 99.5% Alumina)		
X	Others		
Code(7)	Outside Metal jacket tube size		
0	None		
1	316SS, 1/2" Sch 40		
2	SANDVIK 253MA, 1/2" Sch 40		
3	316SS, 3/4" Sch 40		
4	SANDVIK 253MA, 3/4" Sch 40		
X	Others		
Code(8)	Outside protection tube size (O.D. x I.D.)		
0	None		



F	13.0 x 9.0mm
G	15.0 x 11.0mm
H	17.0 x 13.0mm
I	21.0 x 16.0mm
J	25.0 x 20.0mm
X	Others

Code(9)	Inside protection tube size(O.D. x I.D.)
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0	None
C	6.0 x 4.0mm
D	8.0 x 5.0mm
E	10.0 x 6.0mm
X	Others

Code(10)	Conduit Connection
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A	1/2"PF
B	1/2"PT
C	1/2"NPT
D	3/4"PF
E	3/4"PT
F	3/4"NPT

Code(11)	Process Connection Size	Material
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ZZ	None	None
H3	1/2"	304 SS
H4	1"	304 SS
H5	1 1/2"	304 SS
H6	2"	304 SS
M3	1/2"	316 SS
M4	1"	316 SS
M5	1 1/2"	316 SS
M6	2"	316 SS
X	Others	

Code(12)	Connection Type
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0	None
2	PT
3	PF
4	NPT
8	NPS
F01	ANSI 150# RF
F02	ANSI 150# FF
F03	ANSI 300# RF
F04	ANSI 300# FF

F99	Others
Code(13)	Element wire size
33	0.18mm(AWG 33)
30	0.25mm(AWG 30)
24	0.51mm(AWG 24)
21	0.72mm(AWG 21)
18	1.02mm(AWG 18)
16	1.27mm(AWG 16)
14	1.63mm(AWG 14)
11	2.3mm(AWG 11)
08	3.3mm(AWG 8)
XX	Others
Code(14)	Sensor Immersion Length(L)
L0300	300mm
L0350	350mm
L0400	400mm
L0450	450mm
L0500	500mm
L0550	550mm
L0600	600mm
L0700	700mm
L0800	800mm
L0900	900mm
L1000	1000mm
XXXXX	Others
Code(15)	Tolerance Grade
A0	ANSI Grade(STD)
A1	ASTM Grade(STD)
A2	IEC Grade (STD)
A3	ANSI Grade(SP)
Code(16)	Calibrate certifications
N	Not apply
T1	Test Report by Manufacturer
Code(17)	Accessory Options
-	None
X	Others
Sample ordering code : Thermocouple;	
TE083KS208B1XXAM5F0133L0600K2T1	

THERMOCOUPLE NON METALLIC TUBE TYPE (AM-TE08 Series)

