

Ordering Information for Sheathed RTD Sensor(AM-TE01Series)

Model	Product Description		
AM-TE01	Sheathed RTD(Resistance Temperature Detector) Sensor		
Code(1)	Connection Head type	Explosion Proof	
1	Explosion Proof Aluminum Head (Dual Conduits)	Eex d IIC	
2	Explosion Proof Aluminum Head (Single Conduits)	Eex d IIC (IP66, 68)	
3	General Aluminum Head (Single Conduits)	None (IP65)	
4	Stainless Steel Head (Single Conduits)	Eex d IIC (IP66, 68)	
5	Sensor only with 150mm long TEFLON insulated lead wires		N/A
Code(2)	Sensor type		
GP	General purpose style		
SL	Spring Loaded style		
Code(3)	Terminal		
S	Single junction		
D	Dual junction		
Code(3)	No. of Conductor wire		
2	2-wire		
3	3-wire		
4	4-wire		
Code(5)	Applicable standard for RTD		
D	DIN43760-'79		
I	IEC STANDARD Publication 60751		
Code(6)	Element Type	Material	Tempearture Range
P	Pt 100 Ω at 0°C	Pure Platinum	-196 ~ 660°C
Q	Pt 1000 Ω at 0°C	Pure Platinum	-70 ~ 550°C
R	Pt 100 Ω at 0°C	Pure Platinum	-70 ~ 550°C
Code(7)	Extension Type	Extension Length(mm)	
00	None		
10	Fixed Thread	None	
11	Fixed Thread	100	
13	Fixed Thread	150	
19	Fixed Thread	others	
23	Nipple Thread	100	
29	Nipple Thread	others	
33	Nipple, Union & Nipple Thread	150	
39	Nipple, Union & Nipple Thread	others	
43	Nipple & Flange Welded	100	
44	Nipple & Flange Welded	150	
49	Nipple & Flange Welded	others	
50	Compression Fitting	None	
60	Movable Thread	None	
61	Movable Flange	None	
73	Tube welded Flange	100	
74	None Metal Only Tube	None	
75	None Metal Only Flange	100	



76	Ring welded screwed	100
99	Others	
Code(8)	Sheath Material	
A	304SS	
B	316SS	
C	INCONEL 600	
D	310SS	
E	446SS	
F	347SS	
G	321SS	
H	316LSS	
Code(9)	Sheath Outer Diameter	
32	3.2mm	
48	4.8mm	
64	6.4mm	
80	8.0mm	
Code(10)	Conduit Connection	
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)	Connection Type	
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	
F05	ANSI 600# RF	
9	Compression fitting connector	
F99	Others	
Code(12)	Process Connection Size	Material
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(13)	Sensor Immersion Length(L)
----------	----------------------------

L0100	100mm
L0150	150mm
L0200	200mm
L0250	250mm
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(14)	Tolerance Grade
----------	-----------------

R1	CLASS B($\pm 0.3 + 0.005 t $)
R2	CLASS A($\pm 0.15 + 0.002 t $)
X	Others

Code(15)	Calibrate certifications
----------	--------------------------

N	Not apply
T1	Test Report by Manufacturer

Code(16)	Accessory Options
----------	-------------------

0	None
1	Thermowell
2	Skin Pad

Sample ordering code : RTD;

TE011GP53DP33B32A4M3L0300R2T1