



RTD & THERMOCOUPLES



ELITE INSTRUMENTS CO.,LTD
ISO 9001 COMPANY

RTD & THERMOCOUPLES | PRESSURE GUAGES | SMART TRANSMITTERS

www.amieliteinstruments.com

AM-TE01 Industrial RTD Assembly

Spring Loaded (Head Internal)



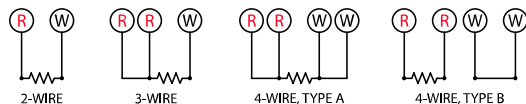
AM-TE01 resistance temperature detectors (RTDs) are industrial assemblies supplied with or without a temperature transmitter. An extensive range of elements, connection heads, insertion lengths and neck lengths can be individually selected for the appropriate application.

RTDs in this series are designed to fit into a variety of thermowell configurations. Spring loading is achieved within the termination head utilizing a self-gripping spring or spring loaded DIN plate.

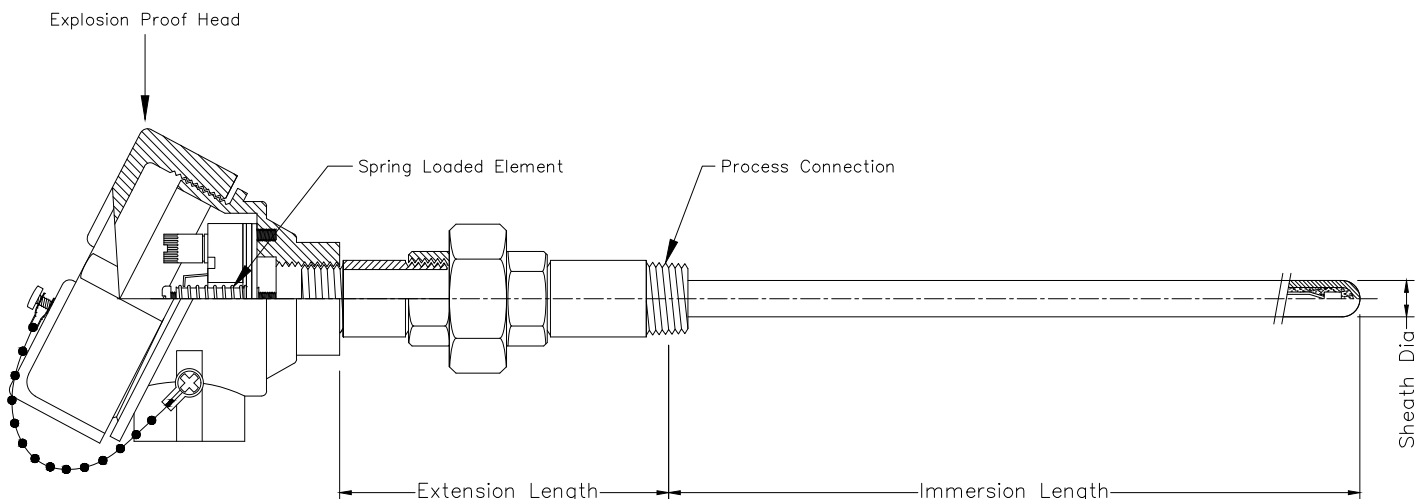
Replacement sensors can also be configured for this model.

Features:

- The sensor is designed to be mounted in to a thermowell.
- The assembly has electrical approvals for explosion proof hazardous locations, ingress protection and general purpose areas.
- Electrical authorities that have registered these approvals include CSA, IECEx, IEC. The approvals can be with or without an attached thermowell. Our patented integral flame path fitting is required when supplied without a thermowell.
- The RTD sensor is spring-loaded ensuring a positive contact to the base of a thermowell bore.



Dimensions:



Please consult factory for full specification/ Data sheet.

Ordering Information for Sheathed RTD Sensor(AM-TE01 Series)

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 TERLON 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	Temperature 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	

Please consult factory for full specification/ Data sheet.

SHEATHED RESISTANCE TEMPERATURE DETECTOR SENSOR

AM-TE01

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	60 6.0mm
48	4.8mm	12 12.0mm
64	6.4mm	
80	8.0mm	
Code(10)	Conduit Connection	
A	1/2"PF	G M20x1.5
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

Please consult factory for full specification/ Data sheet.

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 byManufacturer	
Code(16)	Accessory Options	
0	None	
1	Thermowell	
2	Skin Pad	
Sample ordering code : RTD;		
TE01 1GPS3DP33B32A4M3L0300R2T1		

Please consult factory for full specification/ Data sheet.

Applications:

- Chemical and petrochemical industries
- Machinery, plant and tank measurement
- Oil and gas industries
- Power and utilities
- Pulp and paper

Special features:

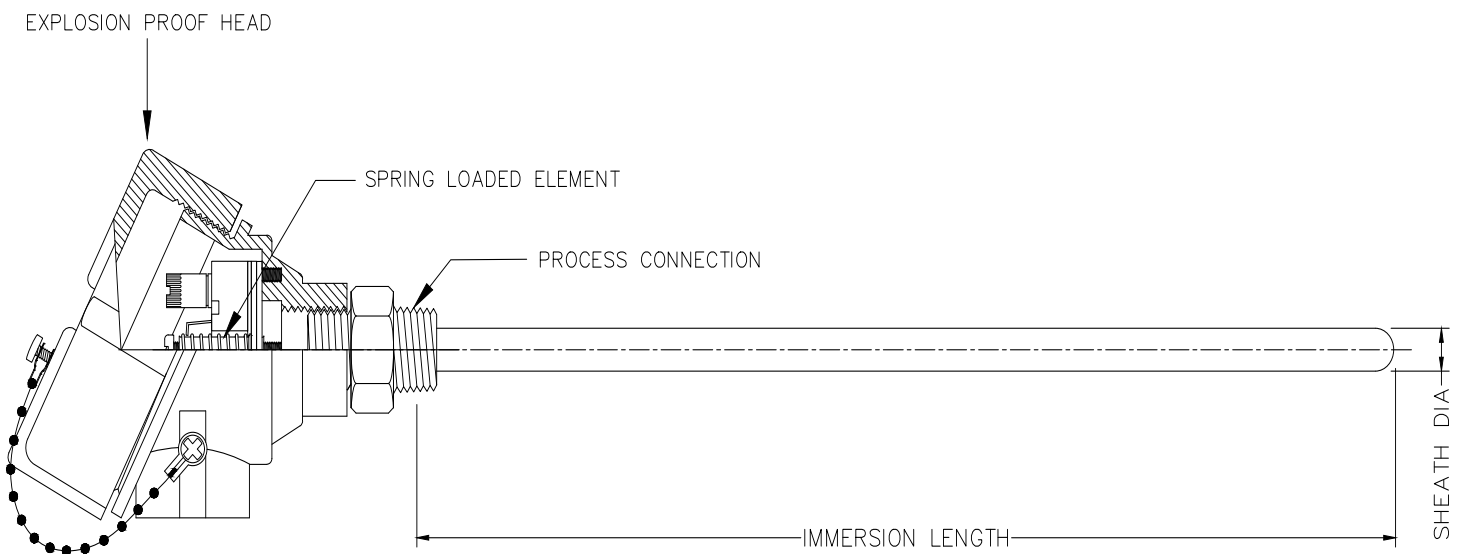
- Sensor ranges from -200 ... +1,260 °C [-328 ... +2,300 °F]
- For mounting in all standard thermowell designs
- Spring-loaded measuring insert (replaceable)
- Explosion-protected versions
- Fixed fitting (welded) measuring insert

Description:

Thermocouples in this series can be combined with a large number of thermowell designs. Use without a thermowell is permitted when using a fixed (welded) fitting.

A wide variety of possible combinations of sensor, connection head, insertion length, neck length, connection to thermowell etc. are available for the thermometers; suitable for almost any thermowell dimension.

Dimensions:



Please consult factory for full specification/ Data sheet.

Ordering Information for Sheathed Thermocouple Sensor(AM-TE02 Series)

Model	Product Description		
AM-TE02	Sheathed 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)
5	Sensor only with 150mm long TEFLON insulated lead wires		N/A
Code(2)	Element Type	Thermocouple Wire Alloys	Tempearture 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
E	Thermocouple "E"	Chromel / Constantan	-200 ~ 800°C
J	Thermocouple "J"	Iron / Constantan	0 ~ 750°C
T	Thermocouple "T"	Copper / Constantan	-200 ~ 350°C
X	Others		
Code(3)	Terminal		
S	Single junction	T Triple junction	
D	Dual junction		
Code(4)	No. of Conductor wire		
2	2-wire		
4	2-wire duplex		
6	2-wire triplex		
Code(5)	Sensor type		
GG	General purpose style & Grounded tip		
GU	General purpose style & Ungrounded tip		
SG	Spring Loaded style & Grounded tip		
SU	Spring Loaded style & Ungrounded tip		
ES	Exposed style	Length(mm)	
Code(6)	Extension Type		
00	None	None	
10	Fixed Thread	100	
11	Fixed Thread	150	
13	Fixed Thread	others	
19	Fixed Thread	100	
21	Nipple Thread	others	
29	Nipple Thread	150	
33	Nipple, Union & Nipple Thread	others	
39	Nipple, Union & Nipple Thread	100	
43	Nipple & Flange Welded	150	
44	Nipple & Flange Welded	others	
49	Nipple & Flange Welded	None	
50	Compression Fitting	None	
60	Movable Thread	None	

Please consult factory for full specification/ Data sheet.

61	Movable Flange	100
73	Tube welded Flange	None
74	None Metal Only Tube	100
75	None Metal Only Flange	100
76	Ring welded screwed	
99	Others	
Code(7)	Sheath Material	
A	304SS	
B	316SS	
C	INCONEL 600	
D	310SS	
E	446SS	
F	347SS	
G	321SS	
X	Others	
Code(8)	Sheath Outer Diameter	
31	1.6mm	XX Others
32	3.2mm	
34	4.8mm	
36	6.4mm	
38	8.0mm	
Code(9)	Conduit Connection	
A	1/2"PF	G M20x1.5
B	1/2"PT	
C	1/2"NPT	
D	3/4"PF	
E	3/4"PT	
F	3/4"NPT	
Code(10)	Process Connection Size	Material
Z	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(11)	Connection Type	
0	None	
2	PT	
3	PF	
4	NPT	

Please consult factory for full specification/ Data sheet.

8	NPS
F01	ANSI 150# RF
F02	ANSI 150# FF
F03	ANSI 300# RF
F04	ANSI 300# FF
9	Compression fitting connector
F99	Others
Code(12)	Lead wire diameter
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)
XX	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
A0	ANSI Grade (STD)
A1	AFTM Grade (STD)
A2	IEC Grade(STD)
A3	ANSI Grade (SP)

Please consult factory for full specification/ Data sheet.

Code(15)	Calibrate certifications		
N	Not apply		
T1	Test Report by Manufacturer		
Code(16)	Accessory Options		
0	Not apply	2	Weld Pad
1	Thermowell		
X	Others		
Sample ordering code : Thermocouple;			
TE021KS2GU33B36AM34L0300A0TI			

Please consult factory for full specification/ Data sheet.

AM-TE03 Industrial RTD Assembly



Fixed (Direct Mount Into Process)

AM-TE03 resistance temperature detectors (RTDs) are industrial assemblies supplied with or without a temperature transmitter. An extensive range of elements, connection heads, insertion lengths and neck lengths can be individually selected for the appropriate application.

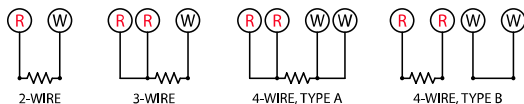
RTDs in this series are designed to be installed directly into the process. The welded fitting or optional compression fitting make this ideal for use without a thermowell.

Replacement sensors can also be configured for this model.

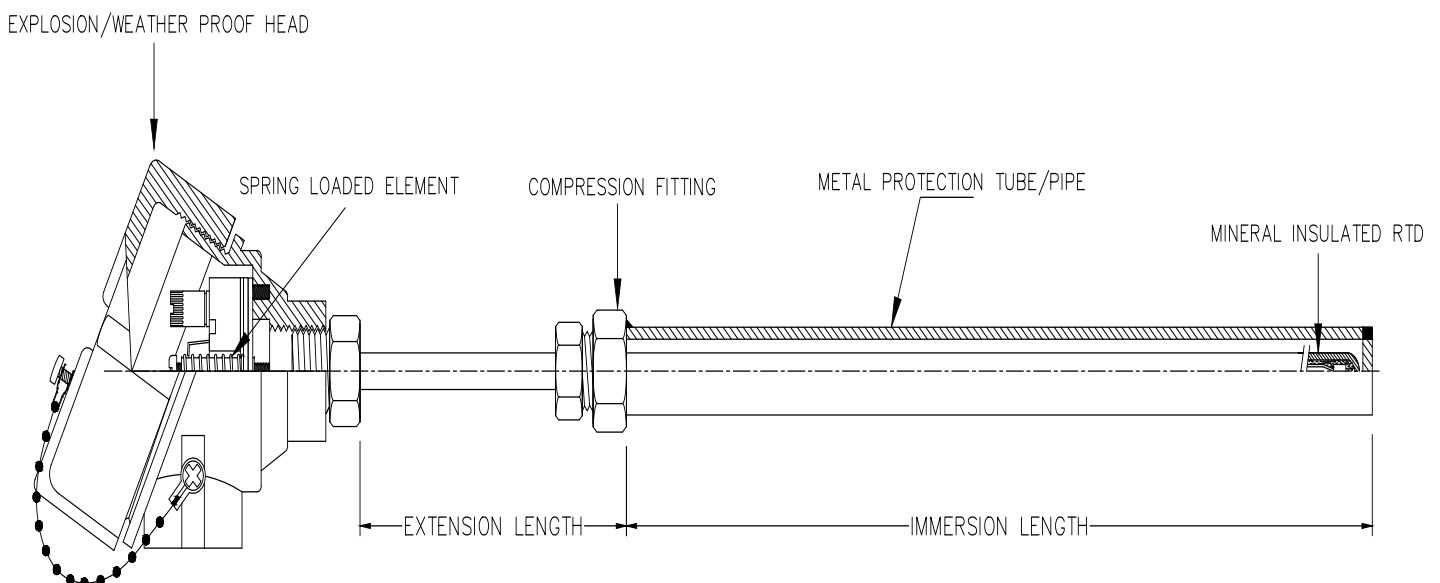


Features:

- The sensor is designed to be mounted directly into process.
- The assembly has electrical approvals for explosion proof hazardous locations, ingress protection and general purpose areas.
- Electrical authorities that have registered these approvals include CSA, IECEx, IEC.
- Optional compression fitting allows insertion depth to be adjusted during installation.



Dimensions:



Please consult factory for full specification/ Data sheet.

Ordering Information for Metallic Protection Tube RTD Sensor(AM-TE03)

Model	Product Description		
AM-TE03	Metallic Protection Tube RTD(Resistance Temperature Detector) 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)	
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(4)	No. of Conductor wire		
2	2-wire		
3	3-wire		
4	4-wire		
Code(5)	Applicable standard for RTD		
D	DIN 43760-'79		
I	IEC STANDARD Publication 751		
Code(6)	Element Type	Material	Temperature 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	

Please consult factory for full specification/ Data sheet.

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	
X	Others	
Code(9)	Sheath Outer Diameter	
32	3.2mm	
34	4.8mm	
36	6.4mm	
38	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
Z	None	None
H3	1/2"	304 SS
H4	1"	304 SS

Please consult factory for full specification/ Data sheet.

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
M7	3"	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(±0.3 +0.005 t) for RTD	
R2	CLASS A(±0.15 +0.002 t) for RTD	
X	Others	
Code(15)	Calibrate certifications	
N	Not apply	
T1	Test Report by Manufacturer	
Code(16)	Accessory Options	
0	Not apply	
1	Thermowell	
X	Others	
Sample ordering code : RTD;		
TE031GPS3DP33B36A4M3L0300R2T1		

Please consult factory for full specification/ Data sheet.

Applications:

- Machine building, plant and vessel construction
- Energy and power plant technology
- Chemical industry
- Food and beverage industry
- Sanitary, heating and air-conditioning technology

Special features:

- Sensor ranges from -200 ... +1,200 °C
[-328 ... +2,192 °F]
- With integrated protection tube
- Spring-loaded measuring insert (replaceable)
- Explosion-protected versions are available for many approval types

Description:

Thermocouples of this model series are designed for screw-fitting directly into the process, mainly in vessels and pipelines. These thermometers are suitable for liquid and gaseous media under moderate mechanical load and normal chemical load.

The protection tube is fully welded and screwed into the connection head. The interchangeable measuring insert can be removed without taking out the complete probe from the plant. This enables inspection, measuring equipment monitoring or, when servicing is necessary, replacement while the plant is running.

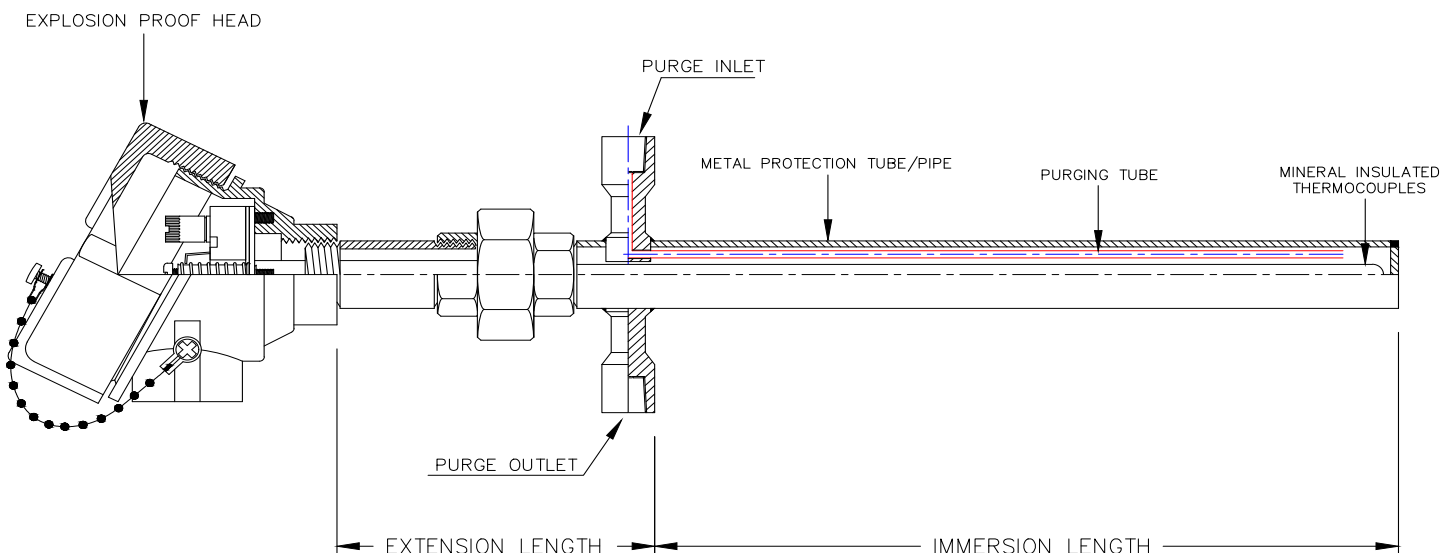
The choice of standard lengths assists with short delivery times and the possibility of stocking spare parts.

Insertion length, process connection, protection tube design, connection head, type and number of sensors and accuracy can each be selected to suit the respective application. A large number of different explosion protection certificates are available for the TE-04.

On request, we can mount analogue or digital transmitters in the connection head of the TE-04.



Dimensions:



Please consult factory for full specification/ Data sheet.

Ordering Information for AM-TE04 Series

Model	Product Description		
AM-TE04	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)	
5	Sensor only with 150mm long TEFLON insulated lead wires		N/A
Code(2)	Element Type	Thermocouple Wire Alloys	Tempearture 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	T	Triple junction
D	Dual junction		
Code(4)	No. of Conductor wire		
2	2-wire		
4	2-wire duplex		
6	2-wire triplex		
Code(5)	Sensor type		
GG	General purpose style & Grounded tip		
GU	General purpose style & Ungrounded tip		
SG	Spring Loaded style & Grounded tip		
SU	Spring Loaded style & Ungrounded tip		
ES	Exposed style		
Code(6)	Extension Type	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	

Please consult factory for full specification/ Data sheet.

75	None Metal Only Flange	100
76	Ring welded screwed	100
99	Others	
Code(7)	Sheath Material	
A	304SS	
B	316SS	
C	INCONEL 600	
D	310SS	
E	446SS	
F	347SS	
G	321SS	
X	Others	
Code(8)	Sheath Outer Diameter	
31	1.6mm	
32	3.2mm	
34	4.8mm	
36	6.4mm	
38	8.0mm	
Code(9)	Conduit Connection	
Z	None	
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(10)	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
M7	3"	316 SS
X	Others	
Code(11)	Connection Type	
0	None	
2	PT	
3	PF	
4	NPT	
8	NPS	

Please consult factory for full specification/ Data sheet.

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	Oth
Code(12)	Lead wire diameter
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)
XX	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
A0	ANSI Grade(STD)
A1	ASTM Grade (STD)
A2	IEC (STD)
A3	ANSI Grade (SP)

Please consult factory for full specification/ Data sheet.

Code(15)	Calibrate certifications
N	Not apply
T1	Test Report by Manufacturer
Code(16)	Accessory Options
0	None
1	Thermowell
X	Others
Sample ordering code : Thermocouple; 1401SS2GU33B36AM34L0300A0T1	

Please consult factory for full specification/ Data sheet.

AM-TE05 Remote Mount Industrial



RTD Assembly:

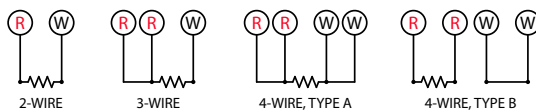
AM-TE05 series resistance temperature detectors (RTDs) are remote mounted industrial assemblies supplied with or without a temperature transmitter. They are designed for applications where direct mounting is inaccessible, where there is excessive radiated or conducted heat, or applications where high vibrations exist.

An extensive range of elements, connection heads, insertion lengths and process connections can be individually selected for the appropriate application. Replacement sensors can also be configured for this model.

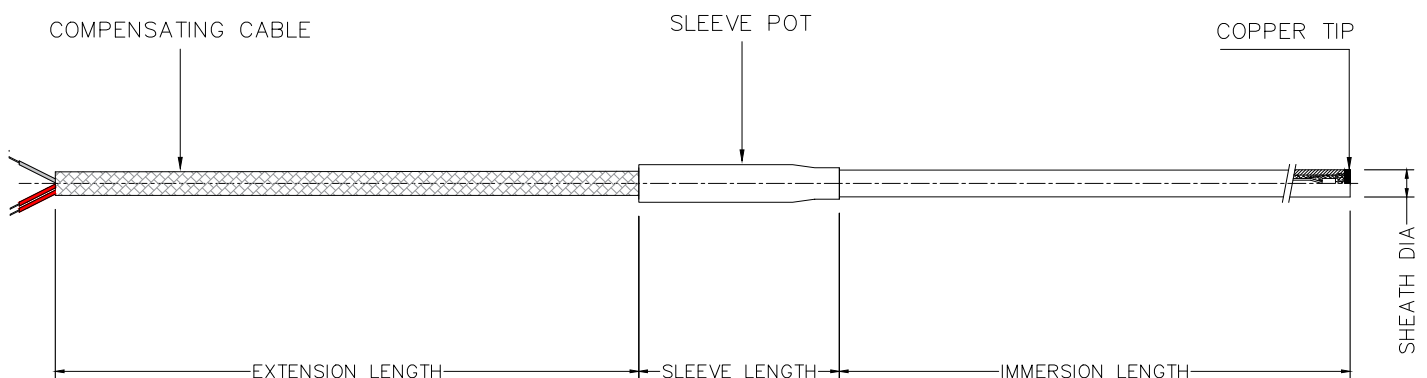
RTDs in this series can be inserted directly into a process or combined with a variety of thermowell designs.

Features:

- The sensor can be mounted into a thermowell for directly into a process with the use of a spring loaded or compression process fitting.
- The assembly has electrical approvals for explosion proof hazardous locations, ingress protection and general purpose areas.
- Electrical authorities that have registered these approvals include CSA, IECEx, IEC.
- The RTD sensor can be spring-loaded ensuring a positive contact to the required location.
- For applications that are exposed to outside weather conditions or where moisture is present, the flexible armour extension can be provided with a moisture-proof jacket of PTFE (Teflon) or PVC.



Dimensions:



Please consult factory for full specification/ Data sheet.

Ordering Information for AM-TE05 Series

Model	Product Description		
AM-TE05	Extension Lead type RTD 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)	IP66, IP68)	
5	Sensor only with 150mm long TEFLON insulated lead wires		N/A
Code(2)	Terminal		
S	Single junction		
D	Dual junction		
Code(3)	No. of Conductor wire		
2	2-wire		
3	3-wire		
4	4-wire		
Code(4)	Extension lead type		
FS	Flexible Copper shield type		
FF	Flexible Copper shield with compression fitting		
FA	Flexible armoured type		
FQ	Flexible armoured with compression fitting		
BS	Bayonet spring load type		
Code(5)	Applicable standard for RTD		
D	DIN 43760-79		
I	IEC STANDARD Publication 751		
Code(6)	Element Type	Material	Temperature 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
Co	Extension Length(mm)		
2000	2000		
XXXX	others		
Code(8)	Sleeve type		
10	55 mmL, Epoxy molded		
XX	others		
Code(9)	Sheath Material		
A	304SS		
B	316SS		
C	INCONEL 600		
D	310SS		
E	446SS		
F	347SS		
G	321SS		
X	Others		

Please consult factory for full specification/ Data sheet.

EXTENSION LEAD TYPE RESISTANCE TEMPERATURE DETECTOR SENSOR

AM-TE05

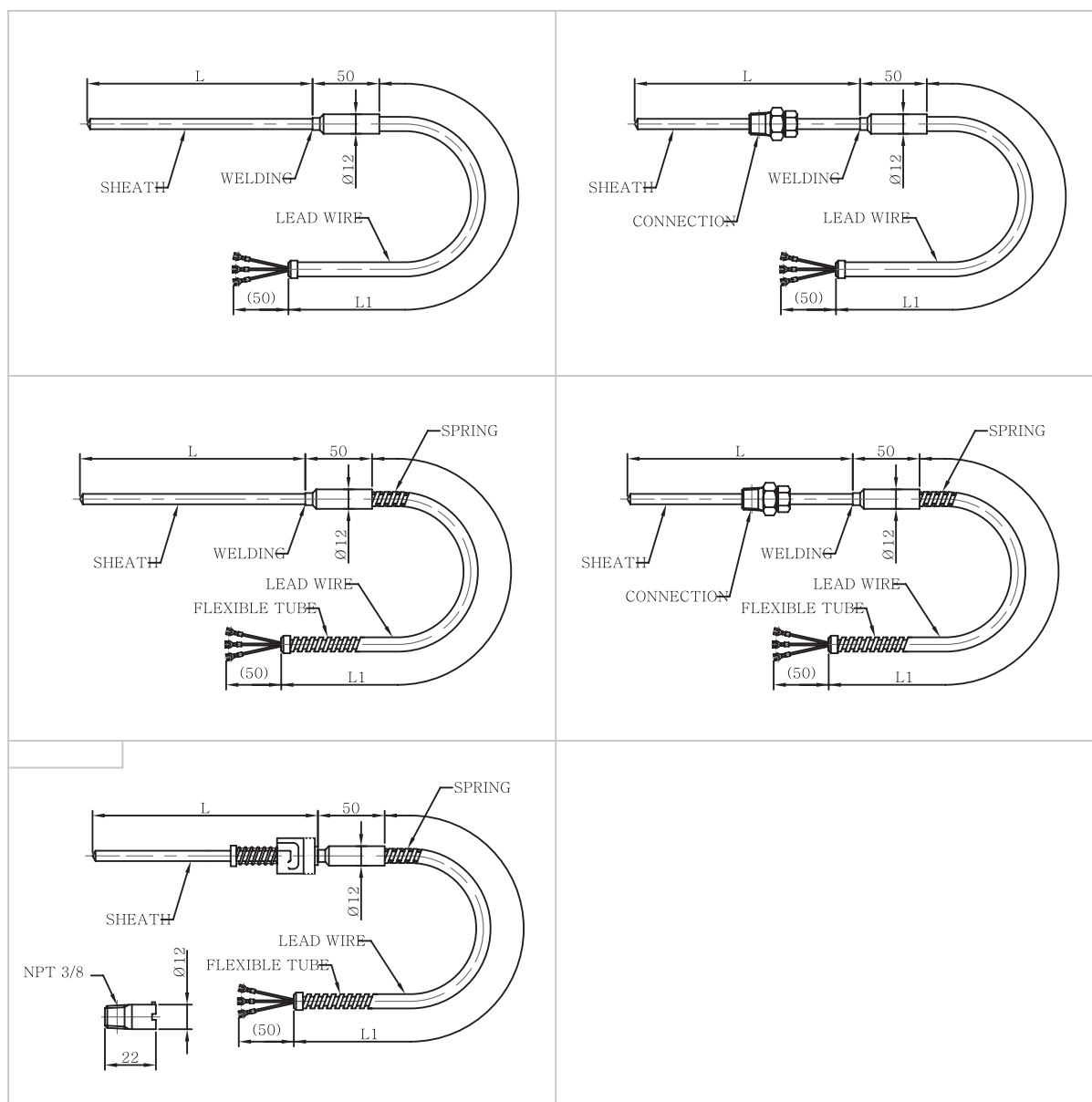
Code(10)	Sheath Outer Diameter	
32	3.2mm	
34	4.8mm	
36	6.4mm	
38	8.0mm	
Code(11)	Conduit Connection	
Z	None	
A	1/2"PF	
B	1/2"PT	
C	1/2"NPT	
D	3/4"PF	
E	3/4"PT	
F	3/4"NPT	
Code(12)	Connection Type	
0	None	
2	PT	
3	PF	
4	NPT	
8	NPS	
F01	ANSI 150# RF	
F02	ANSI 150# FF	
F03	ANSI 300# RF	
F04	ANSI 300# FF	
F05	ANSI 600# RF	
9	Compression fitting connector	
F99	Others	
Code(13)	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
M7	3"	316 SS
X	Others	

Please consult factory for full specification/ Data sheet.

Code(14)	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(15)	Tolerance Grade
R1	CLASS B($\pm 0.3 + 0.005 t $) for RTD
R2	CLASS A($\pm 0.15 + 0.002 t $) for RTD
X	Others
Code(16)	Calibrate certifications
N	Not apply
T1	Test Report by Manufacturer
T2	Test Report by KOLAS(ILAC-MRA) ; Customer-specified max. three ³ temperature point
Code(17)	Accessory Options
0	Not apply
1	Thermowell
X	Others
Sample ordering code : RTD;	
TE05S3FPDP200010B36Z4M3L0150R1T1	

Please consult factory for full specification/ Data sheet.

R.T.D EXTENSION LEAD WIRE TYPE (AM-TE05 Series)



Please consult factory for full specification/ Data sheet.

Applications:

- For direct installation into the process
- Machine building
- Motors
- Bearings
- Pipes and vessels

Special features:

- Sensor ranges from -200 ... +1,260 °C [-328 ... +2,300 °F]
- For insertion or screw-in with optional process connection
- Versions with/without connector or connection housing (option)
- Explosion-protected versions (option)

Description:

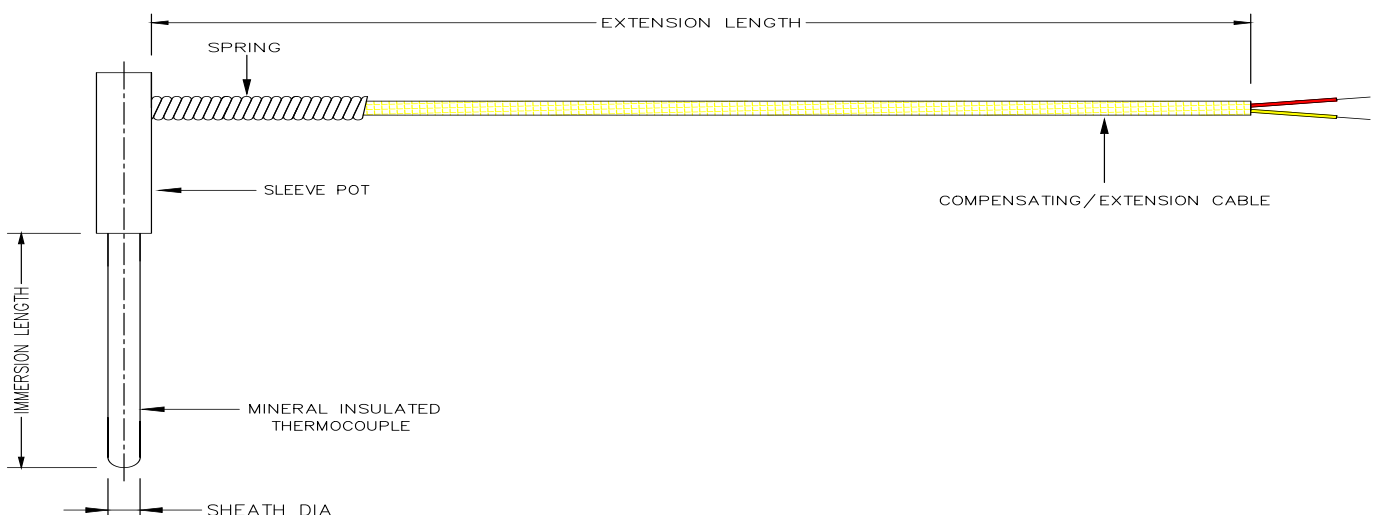
Cable thermocouples are particularly suited to those applications in which the metal probe tip is mounted directly into bored holes (e.g. in machine components) or directly into the process for any application with no chemically aggressive media or abrasion.

A large number of different explosion protection approvals are available for the AM-TE06.

For mounting into a thermowell, a spring-loaded compression fitting should be provided, since only this can press the measuring tip into the bottom of the thermowell. Otherwise a potentially critical force could be exerted on the measuring tip.

In the standard version the cable probes are manufactured without process connections. Fastening elements such as threaded connections, compression fittings, etc. are possible as options.

Dimensions:



Please consult factory for full specification/ Data sheet.

Ordering Information for AM-TE06 Series

Model	Product Description		
AM-TE06	Extension Lead Wire Thermocouple		
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)
5	Sensor only with 150mm long TEFLON insulated lead wires		N/A
Code(2)	Terminal		
S	Single junction	T Triple junction	
D	Dual junction		
Code(3)	No. of Conductor wire		
2	2-wire		
4	2-wire duplex		
6	2-wire triplex		
Code(4)	Extension lead type		
FS	Flexible Copper shield type		
FF	Flexible Copper shield with compression fitting		
FA	Flexible armoured type		
FQ	Flexible armoured with compression fitting		
BS	Bayonet spring load type		
Code(5)	Element Type	Thermocouple Wire Alloys	Tempearture Range
K	Thermocouple "K"	Chromel / Alumel	-200 ~ 1200°C
E	Thermocouple "E"	Chromel / Constantan	-200 ~ 800°C
J	Thermocouple "J"	Iron / Constantan	0 ~ 750°C
T	Thermocouple "T"	Copper / Constantan	-200 ~ 350°C
Code(6)	Tip shape		
G	Grounded tip		
U	Ungrounded tip		
Code(6)	Extension Length(mm)		
2000	2000		
XXXX	others		
Code(7)	Sleeve type		
10	55 mmL, Epoxy molded		
XX	others		
Code(8)	Sheath Material		
A	304SS		
B	316SS		
C	INCONEL 600		
D	310SS		
E	446SS		
F	347SS		
G	321SS		
X	Others		

Please consult factory for full specification/ Data sheet.

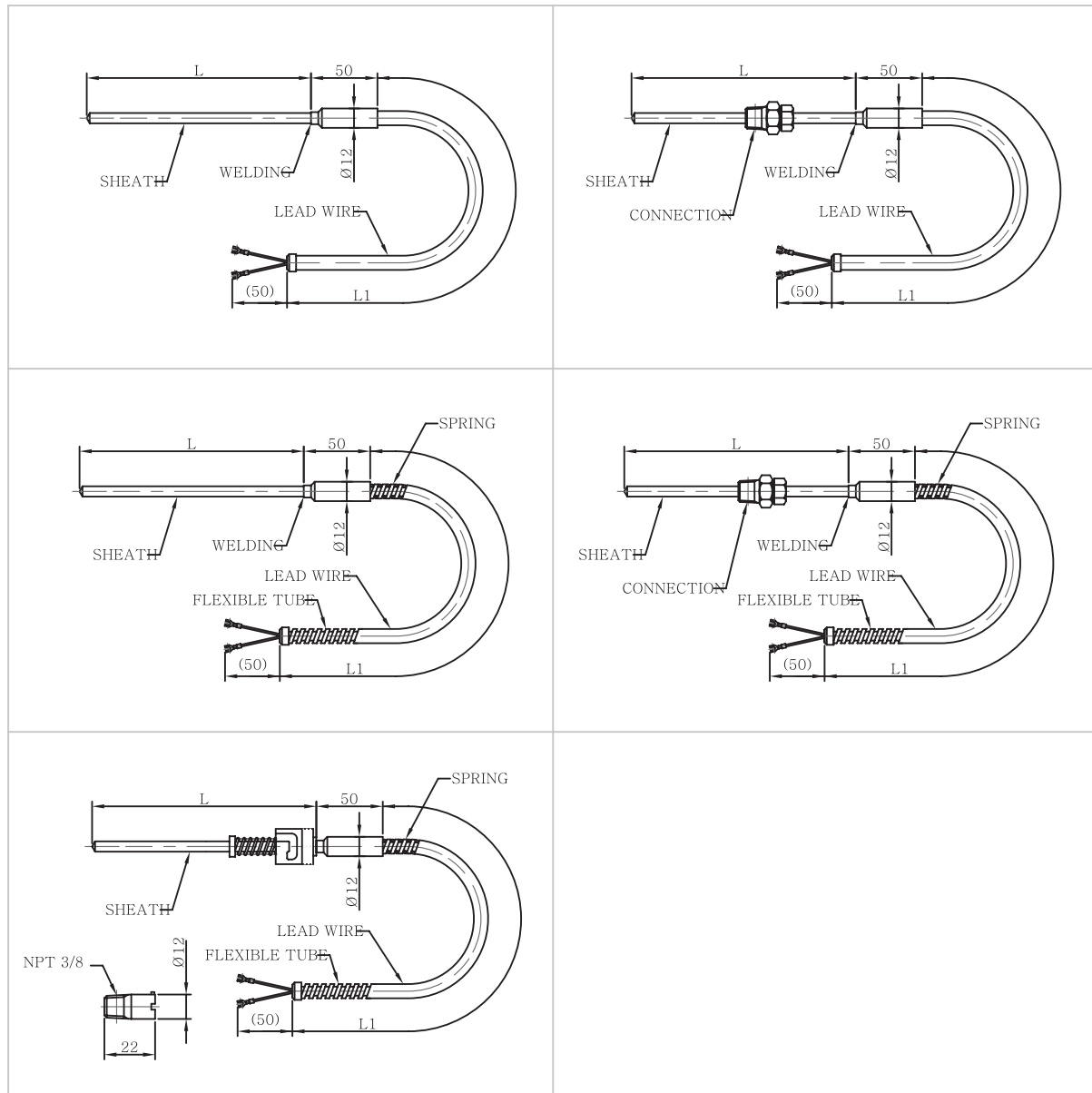
Code(9)	Sheath Outer Diameter	
31	1.6mm	
32	3.2mm	
34	4.8mm	
36	6.4mm	
38	8.0mm	
Code(10)	Conduit Connection	
O	None	
A	1/2"PF	
B	1/2"PT	
C	1/2"NPT	
D	3/4"PF	
E	3/4"PT	
F	3/4"NPT	
Code(11)	Process Connection Size	Material
ZZ	None	None
H3	1/2"	304 SS
H4	1"	304 SS
H5	1 1/2"	304 SS
M3	2"	304 SS
M4	1/2"	316 SS
M5	1"	316 SS
M6	1 1/2"	316 SS
M7	2"	316 SS
X	Others	
Code(12)	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	
F15	JIS 10K RF	
F16	JIS 10K FF	
F17	JIS 20K RF	
F18	JIS 20K FF	
9	Compression fitting connector	
F99	Others	

Please consult factory for full specification/ Data sheet.

Code(13)	Lead wire diameter
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)
XX	Others
Code(14)	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(15)	Tolerance Grade
A0	ANSI Grade(STD)
A1	ASTM Grade (STD)
A2	IEC (STD)
A3	ANSI Grade (SP)
Code(16)	Calibrate certifications
N	Not apply
T1	Test Report by Manufacturer
Code(17)	Accessory Options
0	Not apply
1	Thermowell
X	Others
Sample ordering code : Thermocouple;	
TE065KS2GU331336ZM340150K2T1	

Please consult factory for full specification/ Data sheet.

THERMOCOUPLE EXTENSION LEAD WIRE TYPE (AM-TE06 Series)



Please consult factory for full specification/ Data sheet.

Applications:

To measure surface temperatures on flat surfaces or pipes, in both laboratory and industrial applications.

Special features:

- Sensor ranges from -200 ... +1,200 °C [-328 ... +2,192 °F]
- Easily exchanged, no thermowell necessary
- For screw-fitting, welding or using a tightening strap
- Cable from PVC, silicone, PTFE or glass fibre
- Explosion-protected versions

Description:

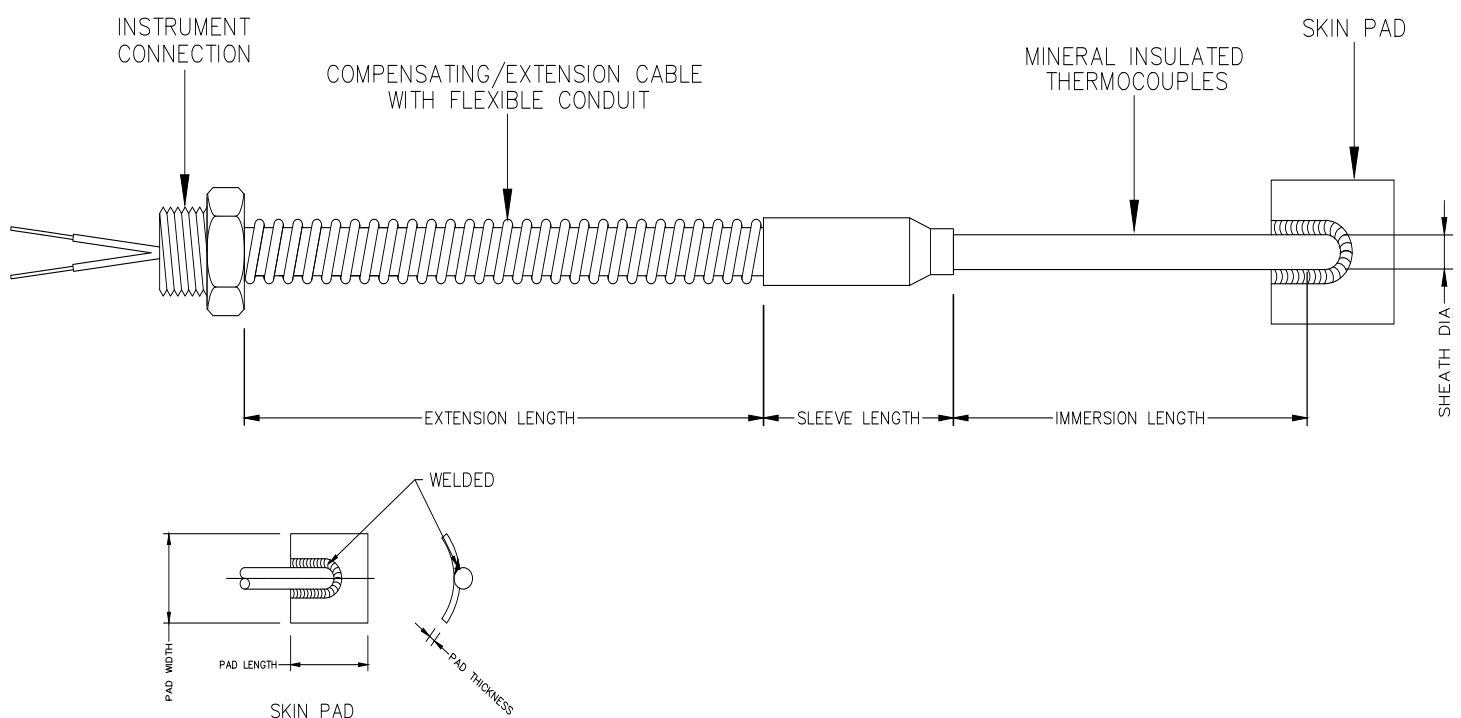
Probe

In the variants for flat surfaces, the probe is fitted within a contact block. This can be screwed or welded onto the vessel surface. Variants for pipes are secured using a tightening strap.

Cable

There are various insulating materials available to suit any particular environmental conditions. The cable end is made up, ready for connection, but can also be fitted with a connector or connected to a field case, as options.

Dimensions:



Please consult factory for full specification/ Data sheet.

Ordering Information for AM-TE07 Series

Model	Product Description		
AM-TE07	Skin type 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)
5	Sensor only with 150mm long TEFLON insulated lead wires		N/A
Code(2)	Element Type	Thermocouple Wire Alloys	Tempearture Range
	Thermocouple "K"	Chromel / Alumel	-200 ~ 1200°C
E	Thermocouple "E"	Chromel / Constantan	-200 ~ 800°C
J	Thermocouple "J"	Iron / Constantan	0 ~ 750°C
T	Thermocouple "T"	Copper / Constantan	-200 ~ 350°C
Code(3)	Terminal		
S	Single junction	T	Triple junction
D	Dual junction		
Code(4)	No. of Conductor wire		
2	2-wire		
4	2-wire Duplex		
6	2-wire Triplex		
Code(5)	Extension Type	Length(mm)	
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	
34	Nipple, Union & Nipple Thread	200	
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(6)	Extension lead type		
OO	None		
FS	Flexible shield lead type		
FA	Flexible tube armoured lead type		

Please consult factory for full specification/ Data sheet.

FQ	Flexible lead type with quick connector	
FP	Flexible lead type with with metal Plug & socket	
BS	Bayonet spring load type	
Code(7)	Tip shape	
P	Padded type & Grounded junction	
K	Knife-edge type & Grounded junction	
Code(8)	Extension Length(mm)	
0000	None	
2000	2000	
XXXX	others	
Code(9)	Sheath Material	
A	304SS	
B	316SS	
C	INCONEL 600	
D	310SS	
E	446SS	
F	347SS	
G	321SS	
X	Others	
Code(10)	Sheath Outer Diameter	
31	1.6mm	
32	3.2mm	
34	4.8mm	
36	6.4mm	
38	8.0mm	
Code(11)	Conduit Connection	
O	None	
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(12)	Process Connection Size	Material
ZZ	None	None
H1	1/4"	304 SS
H2	3/8"	304 SS
H3	1/2"	304 SS
H4	1"	304 SS
H5	1 1/2"	304 SS
H6	2"	304 SS
H7	3"	304 SS
M1	1/4"	316 SS
M2	3/8"	316 SS

Please consult factory for full specification/ Data sheet.

M3	1/2"	316 SS
M4	1"	316 SS
M5	1 1/2"	316 SS
M6	2"	316 SS
M7	3"	316 SS
P	Pad(19 x 19mm, 3mmT'hk)	Same as sheath material
K	Knife edge	Same as sheath material
X	Others	
Code(13)	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(14)	Lead wire diameter	
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)	
XX	Others	
Code(15)	Sensor Immersion Length(L)	
L0100	100mm	
L0150	150mm	
L0200	200mm	
L0250	250mm	
L0300	300mm	
L0350	350mm	
L0400	400mm	
L0450	450mm	
L0500	500mm	

Please consult factory for full specification/ Data sheet.

L0550	550mm
L0600	600mm
L0700	700mm
L0800	800mm
L0900	900mm
L1000	1000mm
XXXXX	Others
Code(16)	Tolerance Grade
A0	ANSI Grade(STD)
A1	ASTM Grade(STD)
A2	IEC Grade(STD)
A3	ANSI Grade(SP)
Code(17)	Calibrate certifications
N	Not apply
T1	Test Report by Manufacturer
Code(18)	Accessory Options
0	Not apply
1	Shield case
2	Strap
3	Clip
4	Ceramic fiber(max. 1300°C)
X	Others
Sample ordering code : Thermocouple;	
TE071S2FAKP0000C3618CHT02L1550K3T11/3/4	

Please consult factory for full specification/ Data sheet.

Applications:

- Sulphur recovery units (SRU)
- Chemical, petrochemical industry
- Hot blast stove

Special features:

- Flushing connection to prolong the life of the thermocouple (selectable)
- Increased safety against escape of toxic media through double sealing system
- High variance of thermowell / protection tube materials
- Available with temperature transmitter or field transmitter
- High process safety with processes up to 1,800 °C [3,272 °F]

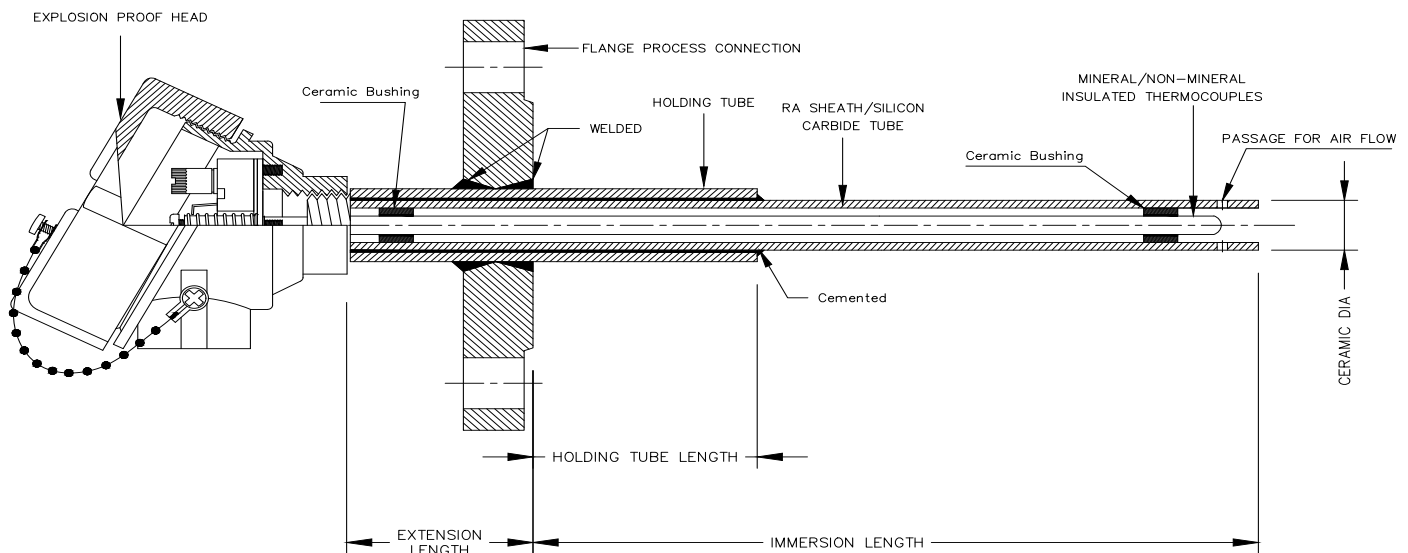
Description:

This high-temperature thermocouple has been specifically developed for use in hazardous applications. A protection tube made from high-temperature ceramic or silicon-carbide, with or without an additional inner tube, protects the thermocouple from the process medium as well as mechanical damage.

For particularly critical applications as e.g. sulphur recovery units, we offer designs with purge gas connection, to prevent the thermocouple by poisoning by the aggressive process atmosphere.

Hermetically sealed junctions prevent toxic gases from being able to escape the reactor. The high temperatures in the process place very high demands on protection tubes and thermocouples. These process conditions often lead to shutdowns and interruptions in operation. The special design of this Ex-approved high-temperature thermometer can significantly improve life expectancy of the thermocouple and reduce downtime.

Dimensions:



Please consult factory for full specification/ Data sheet.

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	Tempearture 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		

Please consult factory for full specification/ Data sheet.

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.)	
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	
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
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	
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	

Please consult factory for full specification/ Data sheet.

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;	
TE083K5208B1XXAM5F0133L0600K2T1	

Please consult factory for full specification/ Data sheet.

Applications:

- Chemical and petrochemical industry
- Measurement of temperature layerings or hotspots in reactors
- Licenser-specific design

Special features:

- Versions to customer specification
- Secondary containment option
- Exchangeable measuring inserts
- Anchored support

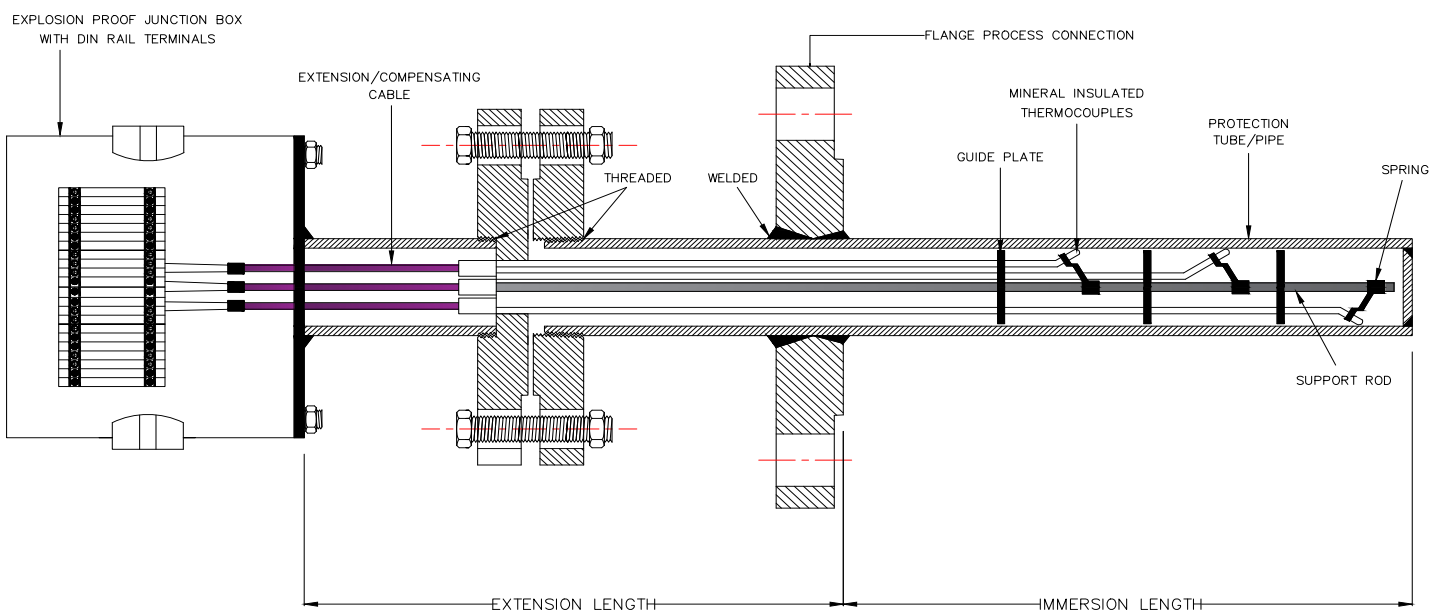
Description:

Multipoint thermocouples are often used for measuring temperature profiles in reactors or fuel depots or for the detection of the so-called “ hotspots ” .

The so-called multipoint thermocouple T-Bar design is common for certain vessel designs. In this design, several exchangeable thermocouples are linearly arranged in a T-Bar/pipe design.

The thermocouples are replaceable within the protection tube/flanged primary pressure containment. This design can be provided with a secondary containment option and various neck extensions to suit customer requirements. Connection terminals or temperature transmitters are placed in the connection housing which is either a component of the multipoint thermocouple or can be mounted separately, e.g. on a wall or pipeline.

Dimensions:



Please consult factory for full specification/ Data sheet.

Ordering Information for (AM-TE09 series)

Model	Product Description		
AM-TE09	Multi-point Thermocouple sensor		
Code(1)	Junction box type	Explosion Proof	
1	Explosion Proof Aluminum Head	Eex d IIB T4 / T6	
2	General Aluminum Head	None(IP65)	
3	General Stainless Steel Head	None(IP65)	
4	Others		
Code(2)	Element Type	Thermocouple Wire Alloys	Tempearture 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
E	Thermocouple "E"	Chromel / Constantan	-200 ~ 800°C
J	Thermocouple "J"	Iron / Constantan	0 ~ 750°C
T	Thermocouple "T"	Copper / Constantan	-200 ~ 350°C
Code(3)	Conduit hub		
S	Single		
D	Dual		
Code(4)	Conduit Connection		
A	3/4"PF		
B	3/4"PT		
C	3/4"NPT		
D	1"PF		
E	1"PT		
F	1"NPT		
G	1+1/2"PF		
H	1+1/2"PT		
I	1+1/2"NPT		
Code(5)	Design		
1	Free hanging type(2-12 measuring point, assembled length 20 meter max.)		
2	Multi-guide Plug type(2-10 measuring point, assembled length 20 meter max.)		
3	Spring loaded type(2-10 measuring point, assembled length 20 meter max.)		
4	Swaged-in type(3-20 measuring point, assembled length 30 meter max.)		
5	Others		
Code(6)	Tip shape		
G	Grounded tip		
U	Ungrounded tip		
Code(7)	Sheath Outer Diameter		
16	1.6mm		
32	3.2mm		
48	4.8mm		
64	6.4mm		
80	8.0mm		

Please consult factory for full specification/ Data sheet.

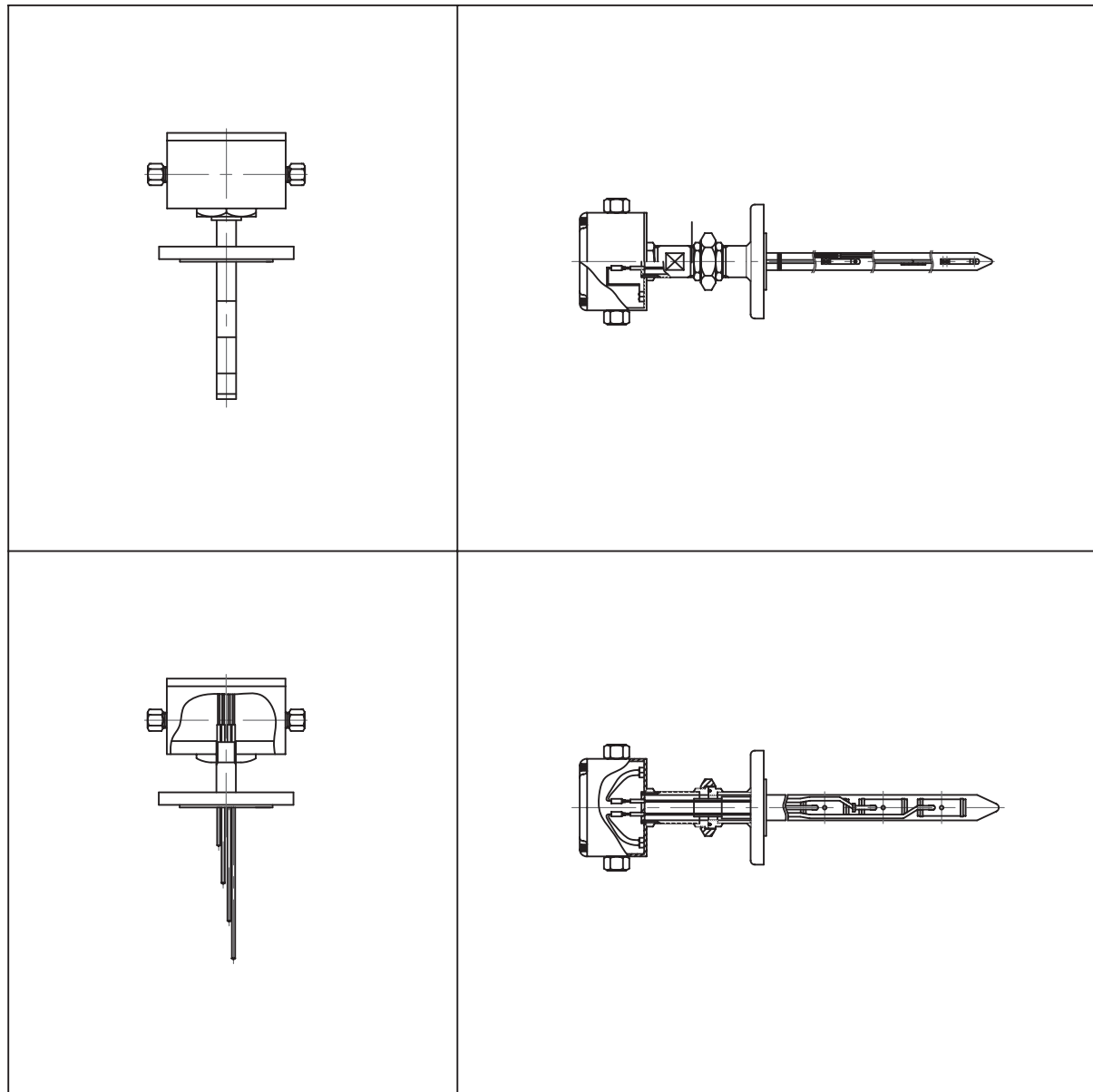
Code(8)	Sheath Material	
B	316SS	
C	INCONEL 600	
D	310SS	
E	446SS	
F	347SS	
G	321SS	
X	Others	
Code(9)	Extension Type	Length(mm)
10	Pipe nipple	150
19	Pipe nipple	others
23	Nipple, Union & Nipple Thread	200
29	Nipple, Union & Nipple Thread	others
39	Nipple, Seal & Support plate with Flange assembly	Later
ZZ	Others	
Code(10)	Process Connection Size	Material
ZZ	None	None
H4	1"	316 SS
H5	1 1/2"	316 SS
M6	2"	316 SS
M7	3"	316 SS
X	Others	
Code(11)	Process connection Type	
0	None	
2	PT	
4	NPT	
F01	ANSI 150# RF	
F02	ANSI 150# FF	
F03	ANSI 300# RF	
F04	ANSI 300# FF	
F05	ANSI 600# RF	
F99	Others	
Code(12)	Lead wire diameter	
00	MFR'S standard	
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)	

Please consult factory for full specification/ Data sheet.

XX	Others
Code(13)	Thermowell Pipe size
-	None
1A	3/4" SCH 80
2A	1" SCH 80
3A	1+1/2" SCH 80
4A	2" SCH 80
XX	Others
Code(14)	"U" - Pipe Insert length(mm)
0000	None
4000	4000mm
ZZZZ	Others
Code(15)	Measuring point(mm)
P2	2-Point (P1: , P2:)
P3	3-Point (P1: , P2: , P3:)
P4	4-Point (P1: , P2: , P3: , P4:)
P6	6-Point (P1: , P2: , P3: , P4: , P5: , P6:)
P10	10-Point (P1: , P2: , P3: , P4: , P5: , P6: , etc.)
P12	12-Point (P1: , P2: , P3: , P4: , P5: , P6: , P7: etc.)
ZZ	Others
Code(16)	Tolerance Grade
A0	ANSI Grade(STD)
A1	ASTM Grade(STD)
A2	IEC Grade(STD)
A3	ANSI Grade(SP)
Code(17)	Calibrate certifications
N	Not apply
T1	Test Report byManufacturer
Code(18)	Accessory Options
0	Not apply
1	Pressure tap(NPT)
X	Others
Sample ordering code : Multi-Thermocouple;	
TE091KS1G64B23H5F02331A3000P2K3T1	

Please consult factory for full specification/ Data sheet.

MULTI-POINT THERMOCOUPLE (AM-TE09 Series)



Please consult factory for full specification/ Data sheet.