

THERMOCOUPLE ORDERING CODE

EU - 1 - 2 3 - 4 5 6 - 7 8 - 9 - 10

EU
model

Eg: EU Model, Type K Thermocouple, Sheath Material: SS316, Head Enclosure-D2 design, Sheath Dia:6.4, UnGrounded, Sheath Length 150mm, N Length : 150mm , Process Connection 1/2" NPT Class 2, Spring Loaded
Order Code : EU-K-SD2-UM150-150CL2-2-0

1 CALIBRATION

<u>Single</u>	<u>Duplex</u>
K: K	KK: K Duplex
J: J	JJ : J Duplex
E: E	EE : E Duplex
T: T	TT : T Duplex
N: N	NN: N Duplex

2 SHEATH MATERIAL

S: SS316
Z: Inconel 600

3 HEAD ENCLOSURE

(See Accessories section for Enclosure design)

D2: Standard Alloy Aluminum
D3: Din Alloy Aluminum
D4: Wall Mount Alloy Aluminum
D8: Standard Cast Stainless Steel
X1: Xproof Alloy Aluminum
X2: Xproof Stainless Steel
X5: Xproof -
OTB-122 – Ex II 2 GD Ex e II Ex tD A21 T6 T85°C

4 JUNCTION

G: Grounded
U: Ungrounded

5 SHEATH DIAMETER (Ø)

F: Ø3mm
G: Ø 3.2mm
J: Ø 4.8mm
L: Ø 6mm
M: Ø 6.35mm
N: Ø 8mm

6 INSERT LENGTH

(Specify the I length accordingly in mm)
150 : 150mm
250: 250mm

7 N LENGTH, I (Specify the N length accordingly in mm)

150: 150mm
200: 200mm

8 TOLERANCE

CL1 : Class 1
CL2 : Class 2 (Standard industrial class)

9 PROCESS CONNECTION

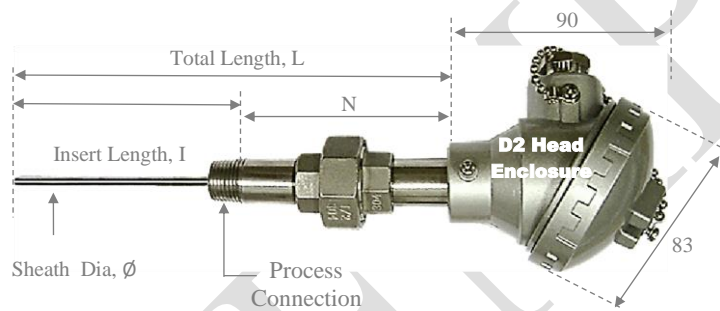
2: 1/2" NPT B: 1/2" BSP
4: 3/4" NPT D: 3/4" BSP
6: 1" NPT F: 1" BSP

10 TRANSMITTER – OPTIONAL ITEM **

(Transmitter range need to specify)

0 : Nil
TN1: Transmitter 4~20mA
TN2: Transmitter 4~20mA Hart Protocol (Atex EII 1 G Ex ia IIC T4..T6 Ga)
TN3: Transmitter 0~10V

Remarks: Not all combination are available however we will offer the nearest requirement



THERMOCOUPLE ORDERING CODE

EUT

model

EUT - 1 - 2 3 - 4 5 6 - 7 - 8 9 - 10 - 11

Eg: EUT Model, Material: Thermocouple SS316 & Thermowell Tapered SS316, Head Enclosure-D2 style, Type K, Probe Dia: 6.35mm, UnGrounded, Insert Length :100mm, N=150mm, T Length : 22mm, Process Connection 3/4" NPT, Class 2, Order Code : EUT-K-SSTD2-UM100-150-22CL2-4-0

1 CALIBRATION

Single	Duplex
K: K	KK: K Duplex
J: J	JJ : J Duplex
E: E	EE : E Duplex
T: T	TT : T Duplex
N: N	NN: N Duplex

2 MATERIAL

SSS: Thermocouple SS316 & Thermowell Straight SS316
 SST: Thermocouple SS316 & Thermowell Tapered SS316
 ZSS: Thermocouple Inconel 600 & Thermowell Straight SS316
 ZST: Thermocouple Inconel 600 & Thermowell Tapered SS316
 ZZS: Thermocouple Inconel 600 & Thermowell Straight Inconel600
 ZZT: Thermocouple Inconel 600 & Thermowell Tapered Inconel600

3 HEAD ENCLOSURE DESIGN

D2: Standard Alloy Aluminum
 D3: Din Alloy Aluminum
 D4: Wall Mount Alloy Aluminum
 D8: Standard Cast Stainless Steel
 X1: Xproof Alloy Aluminum
 X2: Xproof Stainless Steel

4 JUNCTION

G: Grounded
 U: Ungrounded

5 SHEATH DIAMETER (Ø)

F: Ø3mm
 G: Ø 3.2mm
 J: Ø 4.8mm
 L: Ø 6mm
 M: Ø 6.35mm
 N: Ø 8mm

6 INSERT LENGTH (Specify the I length accordingly in mm)

150 : 150mm
 250: 250mm

7 N LENGTH (Specify the N length accordingly in mm)

150: 150mm (Standard)
 200: 200mm

8 T LENGTH (Specify the T Length accordingly mm)

22 : 22mm
 25: 25mm

9 TOLERANCE

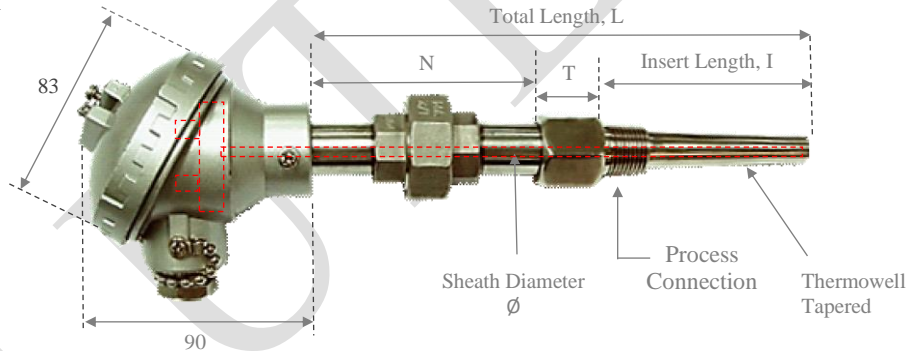
CL1 : Class 1
 CL2 : Class 2 (Standard industrial class)

10 PROCESS CONNECTION

2: 1/2" NPT B: 1/2" BSP
 4: 3/4" NPT D: 3/4" BSP

11 TRANSMITTER – OPTIONAL ITEM ** (Transmitter range need to specify)

0 : Nil
 TN1: Transmitter 4~20mA
 TN2: Transmitter 4~20mA Hart Protocol (Atex EII 1 G Ex ia IIC T4..T6 Ga)
 TN3: Transmitter 0~10V



Remarks: Not all combination are available however we will offer the nearest to your requirement

THERMOCOUPLE ORDERING CODE

EU F - 1 - 2 3 - 4 5 6 - 7 - 8 9 - 10 - 11 - 12

Eg: EUF Model, Material: Thermocouple SS316 & Thermowell Straight SS316, Flange SS316, Head Enclosure-D2 style, Type K, Probe Dia: 6.35mm, UnGrounded, Insert Length :150mm, N=150mm, T Length : 40mm, Flange Rating: 1-1/2" 150#, Class 2
 Process connection : 1/2" NPT
 Order Code : EUF-K-SSSSD2-UM150-150-40CL2-F1-2-0

1 CALIBRATION

<u>Single</u>	<u>Duplex</u>
K: K	KK: K Duplex
J: J	JJ : J Duplex
E: E	EE : E Duplex
T: T	TT : T Duplex
N: N	NN: N Duplex

EU F
model

2 MATERIAL

SSSS: Thermocouple SS316 & Thermowell Straight SS316, Flange SS316
 SSST: Thermocouple SS316 & Thermowell Tapered SS316, Flange SS316
 ZSSS: Thermocouple Inconel 600 & Thermowell Straight SS316, Flange SS316
 ZSST: Thermocouple Inconel 600 & Thermowell Tapered SS316, Flange SS316
 ZZSS: Thermocouple Inconel 600 & Thermowell Straight Inconel600, Flange SS316
 ZZST: Thermocouple Inconel 600 & Thermowell Tapered Inconel600, Flange SS316

3 HEAD ENCLOSURE DESIGN (See Accessories section for Enclosure design)

D2: Standard Alloy Aluminum
 D3: Din Alloy Aluminum
 D4: Wall Mount Alloy Aluminum
 D8: Standard Cast Stainless Steel
 X1: Xproof Alloy Aluminum
 X2: Xproof Stainless Steel

4 SHEATH DIAMETER (Ø)

F: Ø 3mm
 G: Ø 3.2mm
 J: Ø 4.8mm
 L: Ø 6mm
 M: Ø 6.35mm
 N: Ø 8mm

5 JUNCTION

G: Grounded
 U: Ungrounded

6 INSERT LENGTH, I

(Specify the insert length accordingly in mm)
 100: 100mm
 200: 200mm

7 N LENGTH (Specify the N length accordingly in mm)

150: 150mm (Standard)
 200: 200mm

8 T LENGTH (Specify the T Length accordingly mm)

40 : 40mm
 45: 45mm
 50: 50mm

9 TOLERANCE

CL1 : Class 1
 CL2 : Class 2 (Standard industrial class)

10 FLANGE RATING

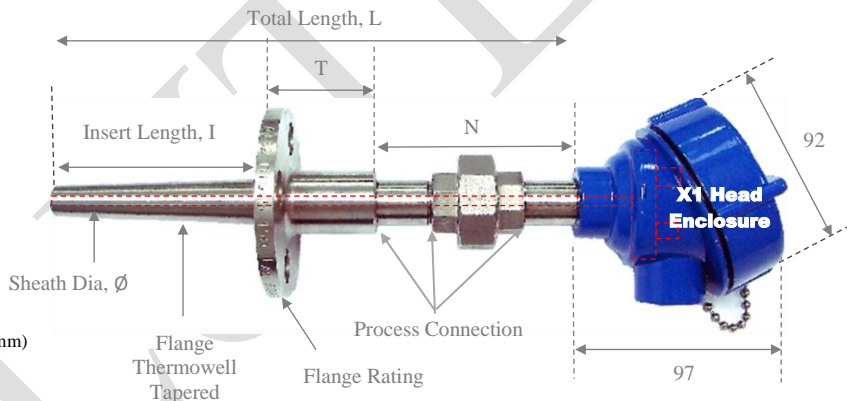
F1: 1-1/2" 150#
 F2: 1-1/2" 300#
 F3: 2" 150#
 F4: 2" 300#

11 PROCESS CONNECTION

2: 1/2" NPT B: 1/2" BSP
 4: 3/4" NPT D: 3/4" BSP

12 TRANSMITTER – OPTIONAL ITEM ** (Transmitter range need to specify)

0 : Nil
 TN1: Transmitter 4~20mA
 TN2: Transmitter 4~20mA Hart Protocol (Atex EII 1 G Ex ia IIC T4..T6 Ga)
 TN3: Transmitter 0~10V



Remarks: Not all combination are available however we will offer the nearest to your requirement

RTD ORDERING CODE

EU
model

EU -
 1 -
 2 3 -
 4 5 -
 6 7 -
 8 9 -
 10 -
 11

Eg: EU Model, PT100-3 Wire , Sheath Material: SS316, Head Enclosure-D2 style, Temperature range : -50 to 400 deg C, Sheath Dia: 4.8mm, Sheath Length :150mm, Process Connection 1/2" NPT, Class B
Order Code : EU-P1-3WW-SD2-J150-150CLB-0

1 CALIBRATION

Single

P1 : PT100

P1V : PT100-Vibration Proof

Duplex

P1X : PT100 Duplex

P1VX : PT100 Duplex-Vibration Proof

2 WIRE CONNECTION PER RTD

2W: 2 WIRE

3W: 3 WIRE

4W: 4 WIRE

3 TEMPERATURE RANGE

T: -50 TO 100 °C

U : -50 TO 200 °C

W: -50 TO 400 °C

X : -50 TO 600 °C

Y: -200 TO 600°C

4 SHEATH MATERIAL

S: SS316

5 HEAD ENCLOSURE DESIGN

(See Accessories section for Enclosure design)

D2: Standard Alloy Aluminum

D3: Din Alloy Aluminum

D4: Wall Mount Alloy Aluminum

D8: Standard Cast Stainless Steel

X1: Xproof Alloy Aluminum

X2: Xproof Stainless Steel

X5: Xproof - OTB-122 – Ex II 2 GD Ex e II Ex tD A21 T6 T85°C

6 SHEATH DIAMETER (Ø)

F: Ø3mm

G: Ø 3.2mm

J: Ø 4.8mm

L: Ø 6mm

M: Ø 6.35mm

N: Ø 8mm

7 INSERT LENGTH (Specify the I length accordingly in mm)

150 : 150mm

250: 250mm

8 N LENGTH, I (Specify the N length accordingly in mm)

150: 150mm

200: 200mm

9 TOLERANCE

CLA : Class A

CLB : Class B (Standard industrial class)

10 PROCESS CONNECTION

2: 1/2" NPT

B: 1/2" BSP

4: 3/4" NPT

D: 3/4" BSP

6: 1" NPT

F: 1" BSP

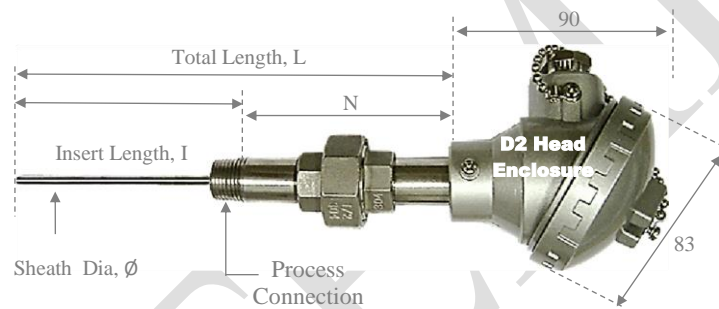
11 TRANSMITTER – OPTIONAL ITEM ** (Transmitter range need to specify)

0 : Nil

TN1: Transmitter 4~20mA

TN2: Transmitter 4~20mA Hart Protocol (Atex EII 1 G Ex ia IIC T4..T6 Ga)

TN3: Transmitter 0~5V



Remarks: Not all combination are available however we will offer the nearest to your requirement

RTD ORDERING CODE

EUT

model

EUT - 1 - 2 3 - 4 5 - 6 7 - 8 - 9 10 - 11 - 12

Eg: EUT Model, PT100-3Wire, Material: PT Sensor SS316 & Thermowell Straight SS316, Head Enclosure-D2 design, Temperature Range : -50 to 200 deg C , Sheath Dia: 6.4mm, Insert Length :150mm, T Length : 22mm, N=150mm, Process Connection 3/4" NPT, Class B
Order Code : EUT-P1-3WW-SSSD2-M150-150-22CLB-4-0

1 CALIBRATION

Single

P1 : PT100
P5 : PT500
P10 : PT1000
P1V : PT100-Vibration Proof
P5V : PT500-Vibration Proof
P10V: PT1000-Vibration Proof

Duplex

P1X : PT100 Duplex
P5X : PT500 Duplex
P10X : PT1000 Duplex
P1VX : PT100 Duplex-Vibration Proof
P5VX : PT500 Duplex-Vibration Proof
P10VX : PT1000 Duplex-Vibration Proof

2 WIRE CONNECTION PER RTD

2W: 2 WIRE
3W: 3 WIRE
4W: 4 WIRE

3 TEMPERATURE RANGE

T: -50 TO 100 °C X: -50 TO 600 °C
U : -50 TO 200 °C Y: -200 TO 600°C
W: -50 TO 400 °C Z: -200 TO 800°C

4 MATERIAL

SRS: PT Sensor SS316 & Thermowell Straight SS304
SRT: PT Sensor SS316 & Thermowell Tapered SS304
SSS: PT Sensor SS316 & Thermowell Straight SS316
SST: PT Sensor SS316 & Thermowell Tapered SS316
SZS: PT Sensor SS316 & Thermowell Straight Inconel 600
SZT: PT Sensor SS316 & Thermowell Tapered Inconel 600

5 HEAD ENCLOSURE DESIGN

(See Accessories section for Enclosure design)

D2: Standard Alloy Aluminum
D3: Din Alloy Aluminum
D4: Wall Mount Alloy Aluminum
D8: Standard Cast Stainless Steel
X1: Xproof Alloy Aluminum
X2: Xproof Stainless Steel

6 SHEATH DIAMETER (Ø)

F: Ø3mm
G: Ø 3.2mm
J: Ø 4.8mm
L: Ø 6mm
M: Ø 6.4mm
N: Ø 8mm

7 INSERT LENGTH (Specify the I length accordingly in mm)

150 : 150mm
250: 250mm

8 N LENGTH (Specify the N length accordingly in mm)

150: 150mm (Standard)
200: 200mm

9 T LENGTH (Specify the T Length accordingly mm)

22 : 22mm
25: 25mm

10 TOLERANCE

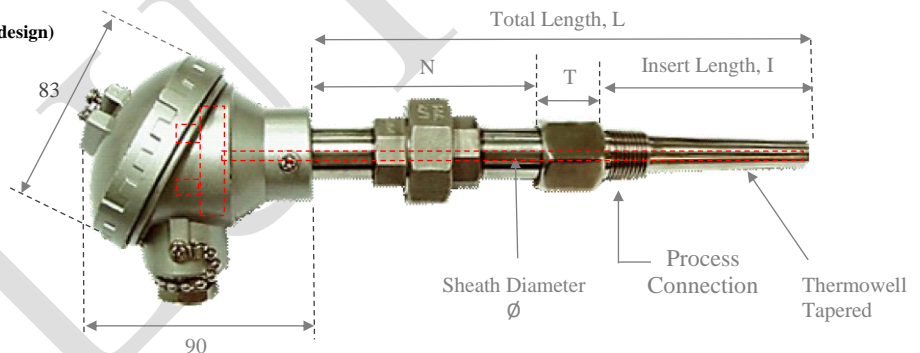
CLA : Class A
CLB : Class B (Standard industrial class)

11 PROCESS CONNECTION

2: 1/2" NPT B: 1/2" BSP
4: 3/4" NPT D: 3/4" BSP

12 TRANSMITTER – OPTIONAL ITEM ** (Transmitter range need to specify)

0 : Nil
TN1: Transmitter 4~20mA
TN2: Transmitter 4~20mA Hart Protocol (Atex EII 1 G Ex ia IIC T4..T6 Ga)
TN3: Transmitter 0~10V



Remarks: Not all combination are available however we will offer the nearest to your requirement

RTD

ORDERING CODE

EUF - 1 - 2 3 - 4 5 - 6 7 - 8 - 9 10 - 11 - 12 - 13

Eg: EUF Model, PT100-3Wire, Material: PT Sensor SS316 & Thermowell Tapered SS316, Flange SS316, Head Enclosure-D2 design, Range -50 to 200 deg C, Sheath Dia: 6.4mm, Insert Length :150mm, N=150mm, T Length : 40mm, Flange Rating: 1-1/2" 150#, Class B Order Code : EUF-P1-3WW-SSSTD2-M150-150-40CLB-F1-2-0

1 CALIBRATION

Single

P1 : PT100
P5 : PT500
P10 : PT1000
P1V : PT100-Vibration Proof
P5V : PT500-Vibration Proof
P10V : PT1000-Vibration Proof

Duplex

P1X : PT100 Duplex
P5X : PT500 Duplex
P10X : PT1000 Duplex
P1VX : PT100 Duplex-Vibration Proof
P5VX : PT500 Duplex-Vibration Proof
P10VX : PT1000 Duplex-Vibration Proof

EUF
model

2 WIRE CONNECTION PER RTD

2W: 2 WIRE
3W: 3 WIRE
4W: 4 WIRE

3 TEMPERATURE RANGE

T: -50 TO 100 °C X : -50 TO 600 °C ZA: -200 TO 450°C
U : -50 TO 200 °C Y: -200 TO 600°C
W: -50 TO 400 °C Z: -200 TO 800°C

4 MATERIAL

SSSS: PT Sensor SS316 & Thermowell Straight SS316 & Flange SS316
SSST: PT Sensor SS316 & Thermowell Tapered SS316 & Flange SS316
SZSS: PT Sensor SS316 & Thermowell Straight Inconel600 & Flange SS316

SZST: PT Sensor SS316 & Thermowell Tapered Inconel600 & Flange SS316
SRRS: PT Sensor SS316 & Thermowell Straight SS304 & Flange SS304
SRRT: PT Sensor SS316 & Thermowell Straight SS304 & Flange SS304

5 HEAD ENCLOSURE DESIGN (See Accessories section for Enclosure design)

D2: Standard Alloy Aluminum
D3: Din Alloy Aluminum
D4: Wall Mount Alloy Aluminum
D8: Standard Cast Stainless Steel
X1: Xproof Alloy Aluminum
X2: Xproof Stainless Steel

6 SHEATH DIAMETER (Ø)

F: Ø3mm
G: Ø 3.2mm
J: Ø 4.8mm
L: Ø 6mm
M: Ø 6.35mm
N: Ø 8mm

7 INSERT LENGTH, I

(Specify the insert length accordingly in mm)
100: 100mm
200: 200mm

8 N LENGTH (Specify the N length accordingly in mm)

150: 150mm (Standard)
200: 200mm

9 T LENGTH

(Specify the T Length accordingly mm)
40 : 40mm
45 : 45mm
50 : 50mm

10 TOLERANCE

CLA : Class A
CLB : Class B (Standard industrial class)

11 FLANGE RATING

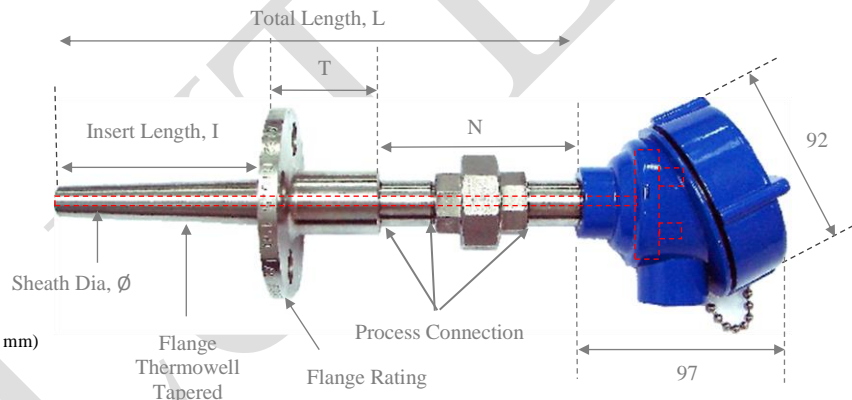
F1: 1-1/2" 150# F3: 2" 150#
F2: 1-1/2" 300# F4: 2" 300#

12 PROCESS CONNECTION

2: 1/2" NPT B: 1/2" BSP
4: 3/4" NPT D: 3/4" BSP

13 TRANSMITTER – OPTIONAL ITEM ** (Transmitter range need to specify)

0 : Nil
TN1: Transmitter 4~20mA
TN2: Transmitter 4~20mA Hart Protocol (Atex EII 1 G Ex ia IIC T4..T6 Ga)
TN3: Transmitter 0~10V



Remarks: Not all combination are available however we will offer the nearest to your requirement