

THERMOCOUPLE ORDERING CODE

EF - 1 - 2 3 - 4 5 6 7 - 8 - 9 - 10 *EF model*

Eg: EF Model, Type K Thermocouple, Sheath Material: SS316, Head Enclosure-D2 design, Sheath Dia: 3.2, Grounded, L1=100mm, L2:2000mm, Class 2, Flange : 1-1/2" 150# SS316
Order Code : EF-K-SD2-WG100-2000CL2-1-1/2"150# SS316-0

1 CALIBRATION

Single

K: K

J: J

E: E

T: T

N: N

Duplex

KK: K Duplex

JJ : J Duplex

EE : E Duplex

TT : T Duplex

NN: N Duplex

2 SHEATH MATERIAL

S: SS316

Z: Inconel 600

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

D1: Small Alloy Aluminum

D2: Standard Alloy Aluminum

D3: Din Alloy Aluminum

D8: Standard Cast Stainless Steel

D10: Standard Round Flip Flop Aluminum

D11: High Flip Flop Alloy Aluminum

X1: Xproof Alloy Aluminum

X2: Xproof Stainless Steel

4 JUNCTION

W: Grounded

U: Ungrounded

5 SHEATH DIAMETER (Ø)

A: Ø1.0mm

J: Ø 4.8mm

B: Ø 1.5mm

K: Ø 5mm

C: Ø 1.6mm

L: Ø 6mm

D: Ø 2.0mm

M: Ø 6.4mm

E: Ø 2.3mm

N: Ø 8mm

F: Ø 3mm

O: Ø 9.53mm

G: Ø 3.2mm

P: Ø 10mm

H: Ø 4mm

Q: Ø 12mm

I: Ø 4.5mm

R: Ø 12.7mm

6 SHEATH LENGTH, L1

(Specify the sheath length accordingly in mm)

100: 100mm

200: 200mm

7 SHEATH LENGTH, L2

(Specify the sheath length accordingly in mm)

1000: 1000mm

2000: 2000mm

8 TOLERANCE

CL1 : Class 1

CL2 : Class 2 (Standard industrial class)

9 FLANGE (Specify Flange Rating accordingly)

1-1/2" 150# SS316

5K 1-1/2" SS316

2" 150# SS316

5K 2" SS316

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

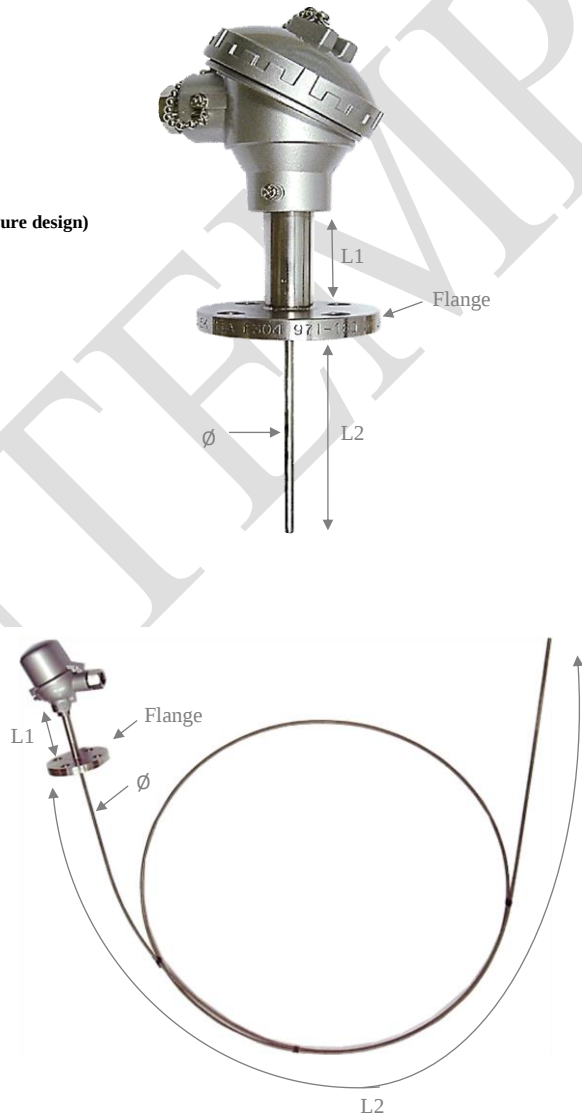
0 : Nil

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 to your requirement



RTD ORDERING CODE

EF model

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

Eg: EF Model, PT100, 3 Wire, Sheath Material: SS316, Head Enclosure-D2 design, Sheath Dia:6.0,
L1=100mm, L2:2000mm, Temperature Range -50 to 200 deg C, Class B, Flange : 1-1/2" 150# SS316
Order Code : EF-P1-3WU-SD2L100-2000-CLB-1-1/2"150# SS316-0

1 CALIBRATION

Single

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

Duplex

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

2 WIRE CONNECTION PER RTD

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

3 TEMPERATURE RANGE

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)

D1: Small Alloy Aluminum
D2: Standard Alloy Aluminum
D3: Din Alloy Aluminum
D8: Standard Cast Stainless Steel
D10: Standard Round Flip Flop Aluminum
D11: High Flip Flop Alloy Aluminum
X1: Xproof Alloy Aluminum
X2: Xproof Stainless Steel

6 SHEATH DIAMETER (Ø)

C: Ø 1.6mm L: Ø 6mm
F: Ø 3mm M: Ø 6.4mm
G: Ø 3.2mm N: Ø 8mm
H: Ø 4mm O: Ø 9.53mm
I: Ø 4.5mm P: Ø 10mm
J: Ø 4.8mm Q: Ø 12mm
K: Ø 5mm R: Ø 12.7mm

7 SHEATH LENGTH, L1

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

8 SHEATH LENGTH, L2

(Specify the sheath length accordingly in mm)
1000: 1000mm
2000: 2000mm

9 TOLERANCE

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

10 FLANGE (Specify Flange size accordingly)

DN25 150# SS316
1-1/2" 150# SS316
1-1/2" 300# SS316

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 to your requirement

