

## THERMOCOUPLE ORDERING CODE

**EP** model

EP - 1 - 2 3 - 4 5 6 7 - 8 - 9

Eg: EP Model, Type K Thermocouple, Sheath Material: SS316, Head Enclosure-D2 design, Sheath Dia: 3.2, Grounded, Sheath Length:200mm, Process Connection 1/2" NPT Class 2  
Order Code : EP-K-SD2-WG200CL2-2-0

### 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 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  
D4: Wall Mount Alloy Aluminum  
D5: Small Bakelite  
D6: Standard Bakelite  
D7: Mini Stainless Steel  
D8: Standard Cast Stainless Steel  
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 INSERT LENGTH, L1

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

### 7 TOLERANCE

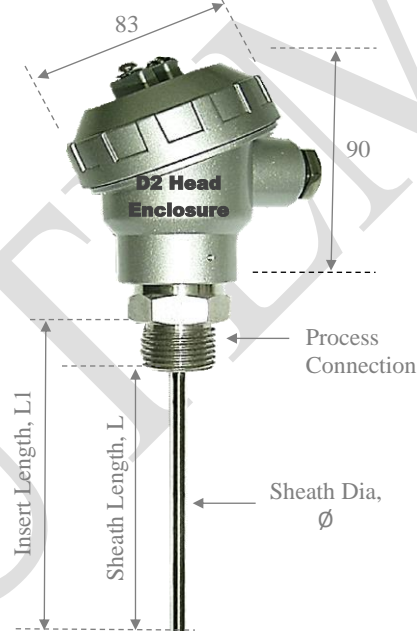
CL1 : Class 1  
CL2 : Class 2 (Standard industrial class)

### 8 PROCESS CONNECTION

1: 1/4" NPT	A: 1/4" BSP	M20: M20x1.5
2: 1/2" NPT	B: 1/2" BSP	M22: M22x1.5
3: 1/8" NPT	C: 1/8" BSP	M24: M24x1.5
4: 3/4" NPT	D: 3/4" BSP	
5: 3/8" NPT	E: 3/8" BSP	
6: 1" NPT	F: 1" BSP	

### 9 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

# EP model

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

Eg: EP Model, PT100 – 3 Wire. Sheath Material SS316, Head Enclosure-D2 design, Sheath Dia: 6.0, Sheath Length:200mm, Temperature Range: -50 to 200 deg C, Process Connection : ½” NPT, Class B  
Order Code : EP-P1-3WU-SD2L200-CLB-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

### 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  
D4: Wall Mount Alloy Aluminum  
D5: Small Bakelite  
D6: Standard Bakelite  
D7: Mini Stainless Steel  
D8: Standard Cast Stainless Steel  
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 INSERT LENGTH, L1

(Specify the insert length accordingly in mm)

100: 100mm  
200: 200mm

### 8 TOLERANCE

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

### 9 PROCESS CONNECTION

1: 1/4” NPT	A: 1/4” BSP	M20: M20x1.5
2: 1/2” NPT	B: 1/2” BSP	M22: M22x1.5
3: 1/8” NPT	C: 1/8” BSP	M24: M24x1.5
4: 3/4” NPT	D: 3/4” BSP	
5: 3/8” NPT	E: 3/8” 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 to your requirement

