

THERMOCOUPLE ORDERING CODE

EPE
model

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

Type K Thermocouple, Sheath Material: SS316, Head Enclosure-D2 design, Ø1=12mm, Extension Length N=100mm, Ø2, Sheath Dia: 3.2, Grounded, Sheath Length I:200mm, Process Connection ½" NPT Class 2
Order Code : EPE-K-SD2-W12Y100-G200CL2-2-0

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
D8: Standard Cast Stainless Steel
D10: Alloy Aluminum-Round cap
D11: Alloy Aluminum-High cap
X1: Xproof Alloy Aluminum
X2: Xproof Stainless Steel

4 JUNCTION

W: Grounded
U: Ungrounded

5 SHEATH DIAMETER (Ø1)

N: Ø 8.0mm P: Ø 10mm
Q: Ø 12mm R: Ø 12.7mm

6 EXTENSION LENGTH, N

(Specify the insert length accordingly in mm)
50: 50mm
100: 100mm

7 SHEATH DIAMETER (Ø2)

F: Ø 3.0mm N: Ø 8.0mm
G: Ø 3.2mm O: Ø 9.53mm
J: Ø 4.8mm P: Ø 10mm
L: Ø 6mm Q: Ø 12.0mm
M: Ø 6.4mm R: Ø12.7mm

8 INSERT LENGTH, L1

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

9 TOLERANCE

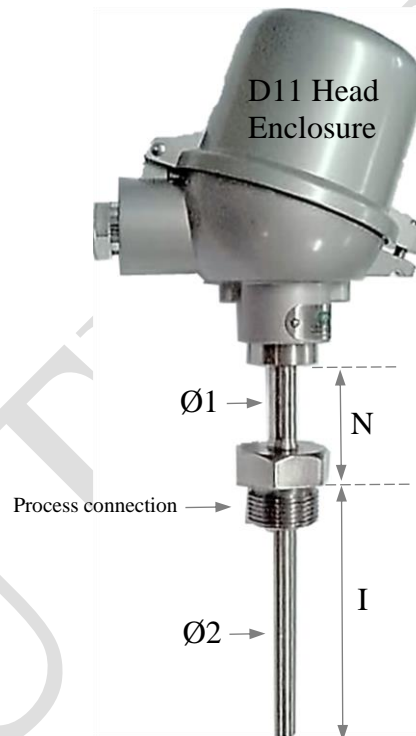
CL1 : Class 1
CL2 : Class 2 (Standard industrial class)

10 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	

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

RTD ORDERING CODE

EPE

model

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

PT100 – 3 Wire. Sheath Material SS316, Head Enclosure-D2 design, Ø1=12mm, Extension Length, N=50mm, Ø2, Sheath Dia: 6.0, Sheath Length I:200mm, Temperature Range: -50 to 200 deg C, Process Connection : ½” NPT, Class B
Order Code : EPE-P1-3WU-SD2-Q50-L200CLB-2-0

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

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: Alloy Aluminum Round cap

D11: Alloy Aluminum High cap

X1: Xproof Alloy Aluminum

X2: Xproof Stainless Steel

6 SHEATH DIAMETER (Ø1)

N: Ø 8.0mm

P: Ø 10mm

Q: Ø 12mm

R: Ø 12.7mm

7 EXTENSION LENGTH, N

(Specify the insert length accordingly in mm)

50: 50mm

100: 100mm

8 SHEATH DIAMETER (Ø2)

F: Ø 3.0mm

N: Ø 8.0mm

G: Ø 3.2mm

O: Ø 9.53mm

J: Ø 4.8mm

P: Ø 10mm

L: Ø 6mm

Q: Ø 12.0mm

M: Ø 6.4mm

R: Ø12.7mm

9 INSERT LENGTH, I

(Specify the insert length accordingly in mm)

100: 100mm

200: 200mm

10 TOLERANCE

CLA : Class A

CLB : Class B (Standard industrial class)

11 PROCESS CONNECTION, e

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

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

