

THERMOCOUPLE ORDERING CODE

EPS

model

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

Eg: EPS 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, Spring Loaded
Order Code : EPS-K-SD2-WG200CL2-2-0-0

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)

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
2: 1/2" NPT	B: 1/2" BSP
3: 1/8" NPT	C: 1/8" BSP
4: 3/4" NPT	D: 3/4" BSP
5: 3/8" NPT	E: 3/8" BSP
6: 1" NPT	F: 1" BSP

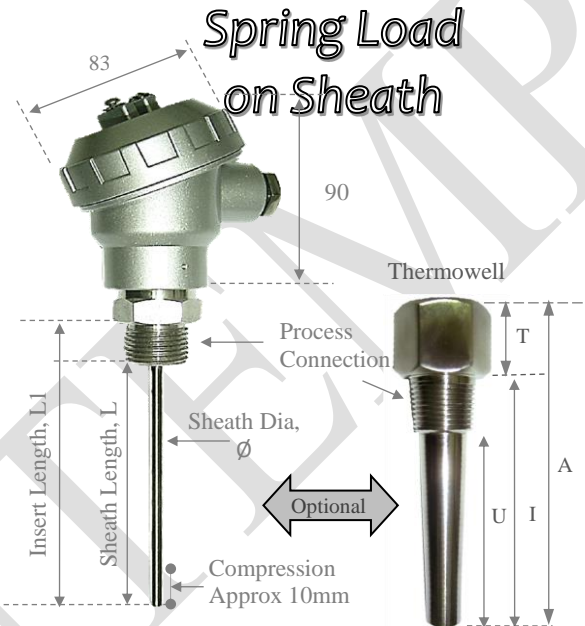
9 TRANSMITTER – OPTIONAL ITEM ** (Transmitter range need to specify)

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

10 THERMOWELL (optional)

0 : Nil
TW-S: SS316 Thermowell with process connection same as Thermocouple , I or U or A or T length will be specified in quotation if necessary
TW-R: SS304 Thermowell with process connection same as Thermocouple, I or U or A or T length will be specified in quotation if necessary
TW-S-X: SS316 Thermowell , Process connection , I or U or A or T length will be specified in quotation if necessary
TW-R-X: SS304 Thermowell, Process connection, I or U or A or T length will be specified in quotation if necessary

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



RTD

ORDERING CODE

EPS

model

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

Eg: EPS Model – PT100 3 Wire, Sheath Material SS316, Head Enclosure-D2style, Sheath Dia: 6.0, Sheath Length:200mm, Temperature Range: -50 to 200 deg C, Process Connection : ½” NPT, Class B
Order Code : EPS-P1-3WU-SD2L200-CLB-2-0-0

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)

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
2: 1/2” NPT	B: 1/2” BSP
3: 1/8” NPT	C: 1/8” BSP
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

11 THERMOWELL (optional)

0 : Nil
TW-S: SS316 Thermowell with process connection same as RTD , I or U or A or T length will be specified in quotation if necessary
TW-R: SS304 Thermowell with process connection same as RTD, I or U or A or T length will be specified in quotation if necessary
TW-S-X: SS316 Thermowell , Process connection , I or U or A or T length will be specified in quotation if necessary
TW-R-X: SS304 Thermowell, Process connection, I or U or A or T will be specified in quotation if necessary

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

