

EN_{model}

THERMOCOUPLE ORDERING CODE

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

Eg: EN Model, Sheath Material: SS316, Head Enclosure-D2 style, Type K, Probe Dia: 4.8mm, UnGrounded., N=100mm, Insert Length :150mm, Process Connection 1/2" NPT, Class 2
Order Code : EN-K-SD2-UJ150-100CL2-2-0-0

1 CALIBRATION

<u>Single</u>	<u>Duplex</u>
K: K	KK: K Duplex
N: N	NN: N Duplex
S: S	SS: S Duplex
R: R	RR: R Duplex
B: B	BB: B Duplex

2 SHEATH MATERIAL

S: SS316
Z: Inconel 600

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

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

4 JUNCTION

W: Grounded
U: Ungrounded

5 SHEATH DIAMETER (Ø)

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
L: Ø 6mm	R: Ø 12.7mm

6 INSERT LENGTH, I

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

7 N LENGTH, N

(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

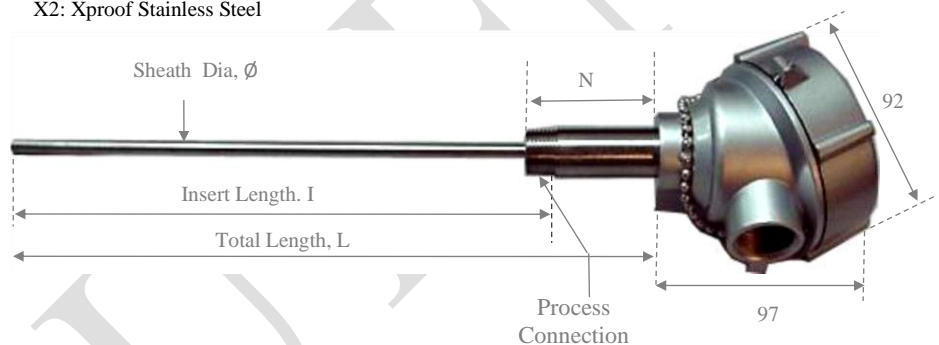
2: 1/2" NPT	B: 1/2" BSP
4: 3/4" NPT	D: 3/4" BSP
6: 1" NPT	F: 1" BSP

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

11 THERMOWELL (optional)

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



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

EN_{model} RTD ORDERING CODE

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

Eg: EN Model, PT100-3 Wire, Sheath Material: SS316, Head Enclosure-D2 design, Sheath Dia: 4.8mm, Temperature Range : -50 to 600 °C, N=100mm , Insert Length :150mm, Process Connection ½” NPT, Class 2
Order Code : EN-P1-3WX-SD2-UJ150-100CL2-2-0-0

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

6 SHEATH DIAMETER (Ø)

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
L: Ø 6mm R: Ø 12.7mm

7 INSERT LENGTH, I

(Specify the insert length accordingly in mm)

100: 100mm
200: 200mm

8 N LENGTH, N

(Specify the N length accordingly in mm)

50 : 50mm 150 : 150mm
100: 100mm 200 : 200mm

9 TOLERANCE

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

10 PROCESS CONNECTION

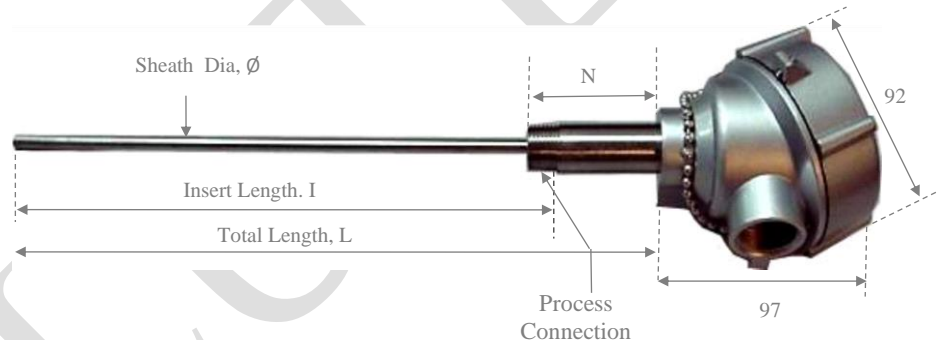
2: 1/2” NPT B: 1/2” BSP
4: 3/4” NPT D: 3/4” BSP
6: 1” NPT F: 1” BSP

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 0~10V

12 THERMOWELL (optional)

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



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