

## THERMOCOUPLE ORDERING CODE

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

**ECAP**  
model

Eg: ECAP Model, Type K Thermocouple, Sheath Material: SS316, Head Enclosure-D2 design, Sheath Dia: 4.8, UnGrounded, Sheath Length:120mm, Class 2, Sanitary Flange 1-1/2"  
Order Code : ECAP-K-SD2-U120CL2-1X1/20

### 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

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

D1: Small Alloy Aluminum  
D2: Standard Alloy Aluminum  
D3: Din Alloy Aluminum  
D5: Small Bakelite  
D6: Standard Bakelite  
D7: Mini Stainless Steel  
D8: Standard Cast Stainless Steel

### 4 JUNCTION

U: Ungrounded

### 5 SHEATH DIAMETER (Ø)

J: Ø 4.8mm  
L: Ø 6mm  
M: Ø 6.4mm

### 6 SHEATH LENGTH, L

(Specify the sheath length accordingly in mm)  
80 : 80mm  
100: 100mm  
120: 120mm

### 7 TOLERANCE

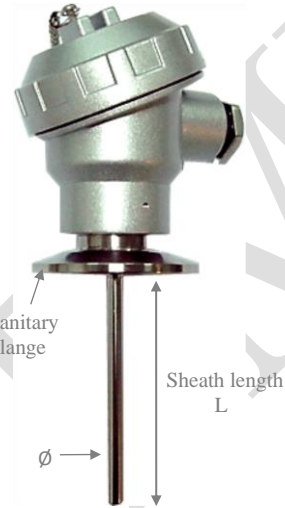
CL1 : Class 1  
CL2 : Class 2 (Standard industrial class)

### 8 SANITARY FLANGE

1 : 1" Inch  
1X1/2 : 1-1/2 Inch  
2 : 2 Inch

### 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

# ECAP

model

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

Eg: ECAP Model, PT100-3W Sheath Material SS316, Head Enclosure-D1 design, Sheath Dia: 6.0, Sheath Length:200mm, Temperature Range: -50 to 200 deg C, Class B , Sanitary Flange : 1-1/2 Inch  
Order Code : ECAP-P1-3WU-SD1L200-CLB-1X1/20

### 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

### 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  
D5: Small Bakelite  
D6: Standard Bakelite  
D7: Mini Stainless Steel  
D8: Standard Cast Stainless Steel

### 6 SHEATH DIAMETER (Ø)

J: Ø 4.8mm  
L: Ø 6mm  
M: Ø 6.4mm

### 7 SHEATH LENGTH, L

(Specify the sheath length accordingly in mm)  
80: 80mm  
100: 100mm  
120: 120mm

### 8 TOLERANCE

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

### 9 SANITARY FLANGE

1 : 1" Inch  
1X1/2 : 1-1/2 Inch  
2 : 2 Inch

### 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

