

## THERMOCOUPLE ORDERING CODE

**EBY**  
model

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

Eg: EBY Model, Type K Thermocouple, Sheath Material: SS316, Head Enclosure-D3 design, Sheath Dia:4.8, UnGrounded, Sheath Length 150mm, Bayonet Cap: ID12.5mm c/w Bayonet Adaptor 1/8" BSP Class 2, Order Code : EBY-K-SD3-UJ150CL2-12.5-0

### 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

### 3 HEAD ENCLOSURE DESIGN

(See Accessories section for Enclosure design)

- D2: Standard Alloy Aluminum
- D3: Din Alloy Aluminum
- 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 (Ø)

- J: Ø4.8mm
- L: Ø 6mm
- M: Ø6.4mm
- N : 8mm

### 6 SHEATH LENGTH, L

- (Specify the sheath length accordingly in mm)
- 100: 100mm
- 200: 200mm

### 7 TOLERANCE

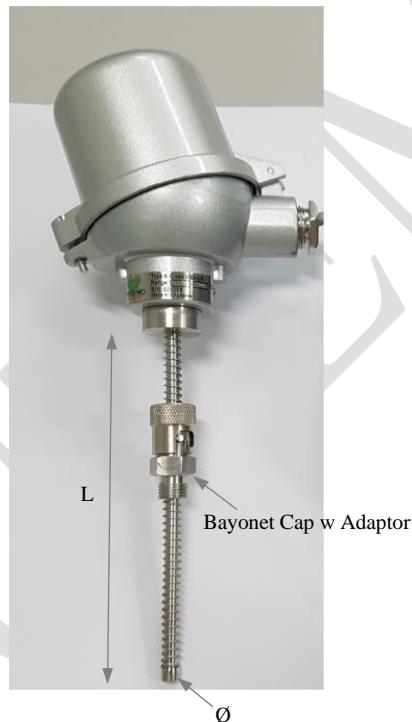
- CL1 : Class 1
- CL2 : Class 2 (Standard industrial class)

### 8 PROCESS CONNECTION

- 12.5 : ID 12.5mm Bayonet cap with Adaptor 1/8" BSP
- 15 : ID 15mm Bayonet cap with Adaptor 1/8" 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**

**EBY**  
model

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

Eg: PT100 3 Wire Vibration Proof, Sheath Material SS316, Head Enclosure-D3 design, Sheath Dia: 6.0, Sheath Length:200mm, Temperature Range: -50 to 600 deg C, Bayonet Cap: ID12.5mm c/w Bayonet Adaptor 1/8" BSP , Class B  
Order Code : EBY-P1-3WX-SD3L200-CLB-B-0

**1. CALIBRATION**

Single

P1 : PT100

**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

D10: Alloy Aluminum – Round cap

D11: Alloy Aluminum – High cap

X1: Xproof Alloy Aluminum

X2: Xproof Stainless Steel

**6 SHEATH DIAMETER (Ø)**

J: Ø4.8mm

L: Ø 6mm

M: Ø6.4mm

N: Ø8.0mm

**7. SHEATH LENGTH, L**

(Specify the sheath length accordingly in mm)

100: 100mm

200: 200mm

**8 TOLERANCE**

CLA : Class A

CLB : Class B (Standard industrial class)

**9 PROCESS CONNECTION**

12.5 : ID 12.5mm Bayonet cap with Adaptor 1/8" BSP

15 : ID 15mm Bayonet cap with Adaptor 1/8" 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