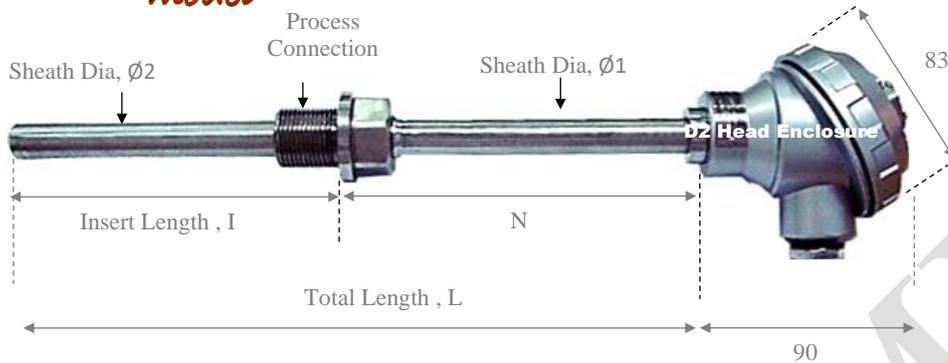


**ETF**  
model

## THERMOCOUPLE ORDERING CODE



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

Eg: ETF Model, Type K Thermocouple, Sheath Material: SS316, Head Enclosure-D2 design, Ø2=16mm, Element Dia 3mm, UnGrounded, Insert Length I:300mm, Ø1=16mm N=150mm, Process Connection M27, Class 2  
Order Code : ETF-K-SD2-U16Y150-16Y300-CL2-M27-0

### 1 CALIBRATION

Single Duplex  
K: K KK: K 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

### 4 JUNCTION

W: Grounded  
U: Ungrounded

### 5 SHEATH DIAMETER (Ø1)

16Y: Ø 16mm  
21Y: Ø 21.3mm

### 6 N LENGTH (N)

(Specify the insert length accordingly in mm)  
200: 200mm  
300: 300mm

### 7 SHEATH DIAMETER (Ø2)

16Y: Ø 16mm  
21Y: Ø 21.3mm

### 8 INSERT LENGTH (I)

(Specify the insert length accordingly in mm)  
350: 350mm  
400: 400mm

### 9 TOLERANCE

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

### 10 PROCESS CONNECTION

M27 : M27x2  
M33: M33x2  
B : ½" BSP  
D : ¾" BSP

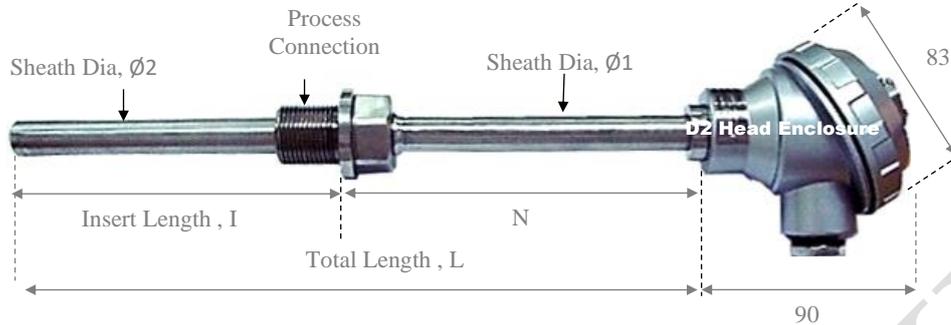
### 11 TRANSMITTER (OPTIONAL ITEM) – (Transmitter range need to specify)

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

**ETF**  
model



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

Eg: ETF Model, PT100 – 3 Wire, Sheath Material: SS316, Head Enclosure-D2 design, Ø2 Sheath Dia: 16mm, Temperature Range: -50-200 °C, Insert Length:300mm, Ø1=16mm N=150mm, Process Connection M27, Class B  
Order Code : ETF-P1-3WU-SD2-16Y100-16Y300-CLB-M27-0

### 1 CALIBRATION

<u>Single</u>	<u>Single</u>	<u>Duplex</u>
P1 : PT100	P1V : PT100-Vibration Proof	P1X : PT100 Duplex

### 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  
Z: -200 TO 800°C

### 4 SHEATH MATERIAL

S: SS316

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

D2: Standard Alloy Aluminum

### 6 SHEATH DIAMETER (Ø1)

16Y: Ø 16mm  
21Y: Ø 21.3mm

### 7 N LENGTH (N)

(Specify the insert length accordingly in mm)  
150: 150mm  
200: 200mm

### 8 SHEATH DIAMETER (Ø2)

16Y: Ø 16mm  
21Y: Ø 21.3mm

### 9 INSERT LENGTH (I)

(Specify the insert length accordingly in mm)  
200: 200mm  
300: 300mm

### 10 TOLERANCE

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

### 11 PROCESS CONNECTION

M27 : M27x2  
M33: M33x2  
B : ½" BSP  
D : ¾" 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