

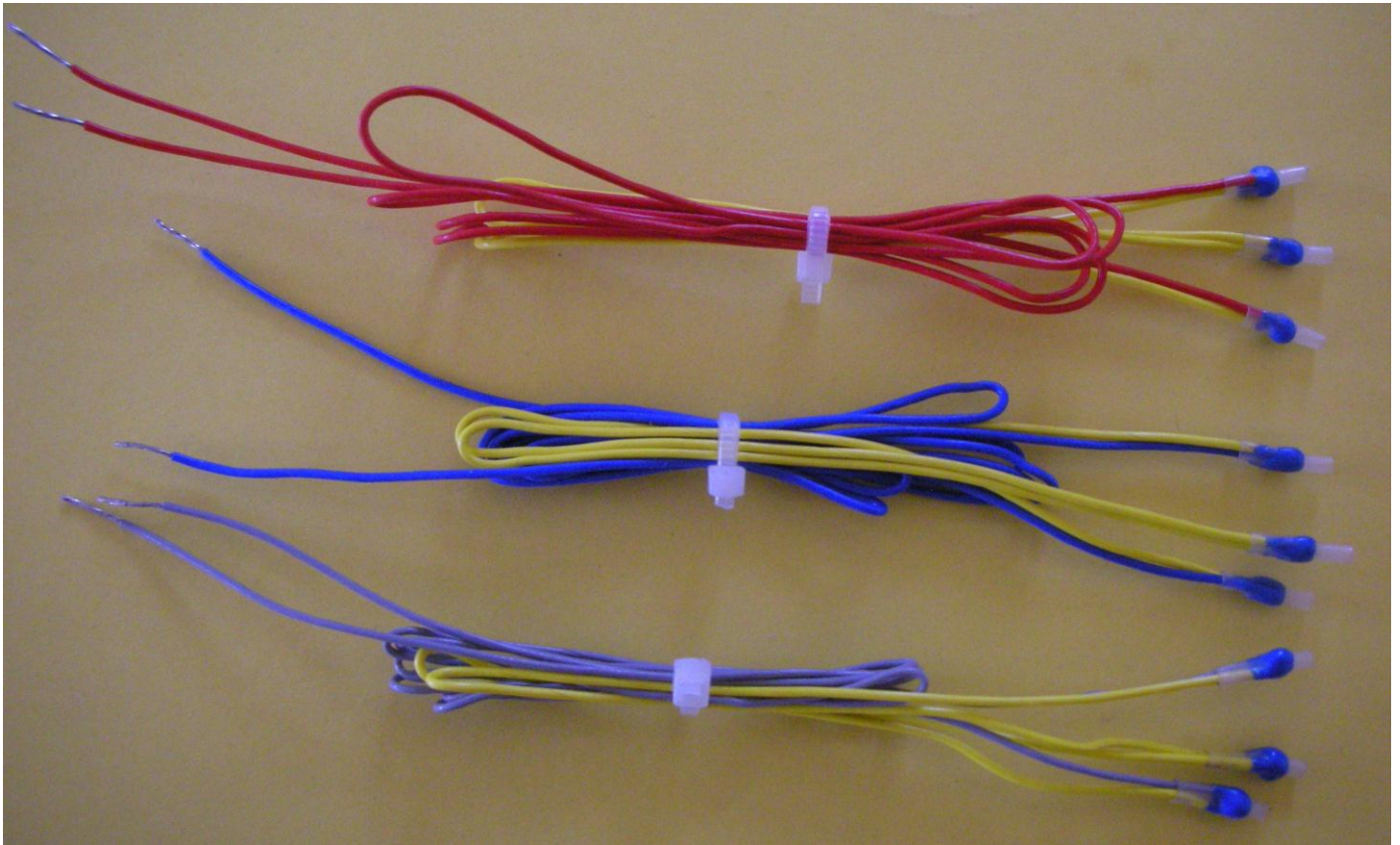
**DATA SHEET FOR TPT 1000X XXXT**

PRODUCT NAME : MOTOR PROTECTION THERMISTOR

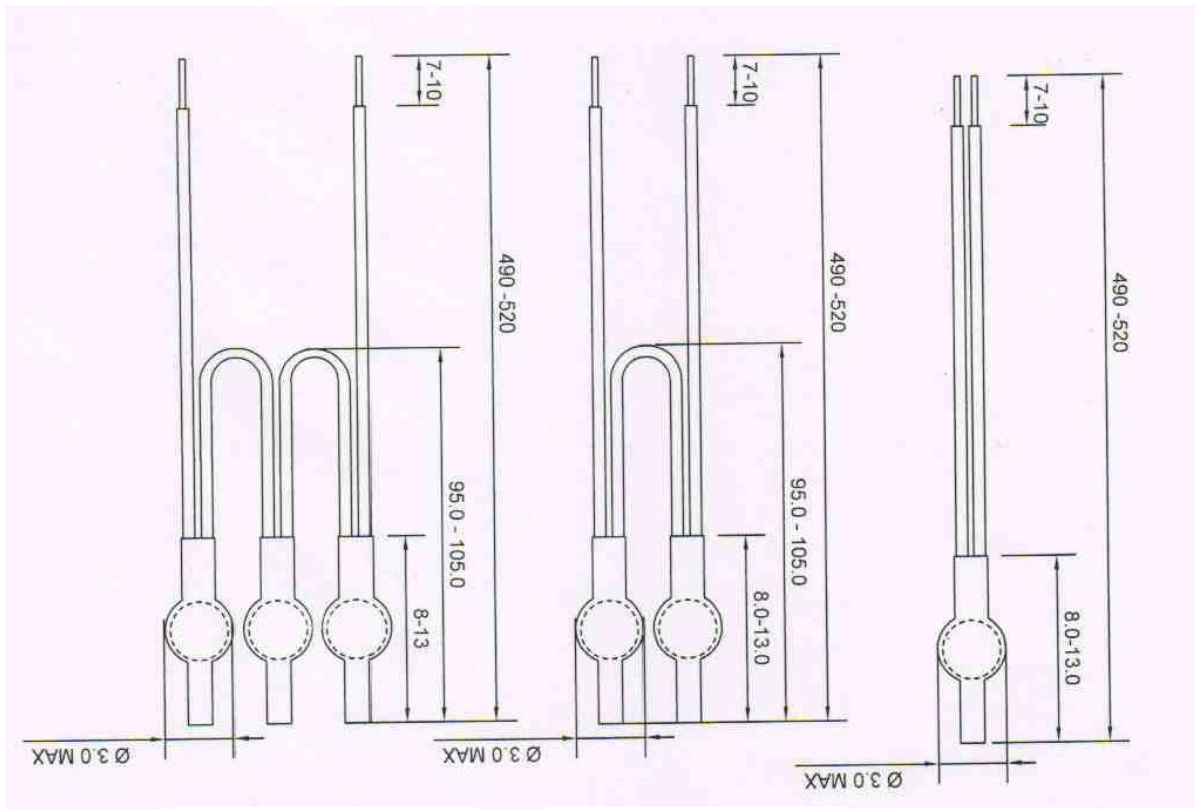
PART NO :TPT 1000X XXXT

NO. SHEETS : 3

APPLICATION: WINDING PROTECTION



**A. Structure and Dimensions :**



**TRIPLEX WITH  
KYNAR SLEEVE**

**DUAL WITH  
KYNAR SLEEVE**

**SINGLE WITH  
KYNAR SLEEVE**

**PART NO**

**T P T 1000 X XXX - TPT 10003 130T**

1 2 3 4-7 8 9-12

1 - MANUFACTURE IDENTIFICATION - THERMOSEN

2 - TYPE OF SENSOR - PTC

3 - KIND OF SENSOR - THERMISTOR

4-7 SERIAL NUMBER IN THE SERIES

8- NUMBER OF SENSOR - 1 FOR SINGLE, 2 FOR DUAL 3 FOR TRIPPLE

9-12 - TEMPERATURE RATING - 070T FOR 70 DEG C. 130T FOR 130 DEG C

**NOMINAL RESPONSE TEMPERATURE : 70 TO 150 DEG C**

REFERENCE TEMP. (DEG C)	70	80	90	100	110	120	130	140	150
COLOUR CODES OF LEADS	WHITE BROWN	WHITE WHITE	GREEN GREEN	RED RED	BROWN BROWN	GRAY GRAY	BLUE BLUE	WHITE BLUE	BLACK BLACK

INNER CONNECTING LEAD : YELLOW, WIRE GAUGE : 26AWG

### C. ELECTRICAL CHARACTERISTICS

CHARACTERISTICS	RESISTANCE VALUE		MEASUREMENT VOLTAGE (DC)
	SINGLE	TRIPLEX	
RESISTANCE AT -20 TO Tr.	<b>30 - 100 Ω</b>	<b>100 - 300 Ω</b>	<b>2.5 V</b>
RESISTANCE AT Tr -5°C	<b>≤ 550 Ω</b>	<b>≤ 1650 Ω</b>	<b>2.5 V</b>
RESISTANCE AT TR +5°C	<b>≥ 1330 Ω</b>	<b>≥ 3990 Ω</b>	<b>2.5 V</b>
RESISTANCE AT TR +15°C	<b>≥ 4000 Ω</b>	<b>≥ 12000 Ω</b>	<b>7.5 V</b>

MAXIMUM OPERATING VOLTAGE (V max) : 30Vdc  
HIGH VOLTAGE INSULATION (V rms) : 2.5 KV

D. Operating temperature : -40°C to +180°C

E. Storage Temperature : -30°C to +105°C

F. Packing :

1. 50 in poly bag

G. Packing Label :

Each Poly bag and box will contain the same label given below.

<b>THERMOSEN TECHNOLOGIES PVT. LTD.</b>			
<b>PART NO : TPT 10003 130T</b>			
Qty :    Nos	Batch No :		
Date :	Packed By :		
<table border="1"><tr><td style="text-align: center;"><b>ROHS</b></td><td style="text-align: center;"><b>✓</b></td></tr></table>		<b>ROHS</b>	<b>✓</b>
<b>ROHS</b>	<b>✓</b>		
MANUFACTURED IN INDIA			