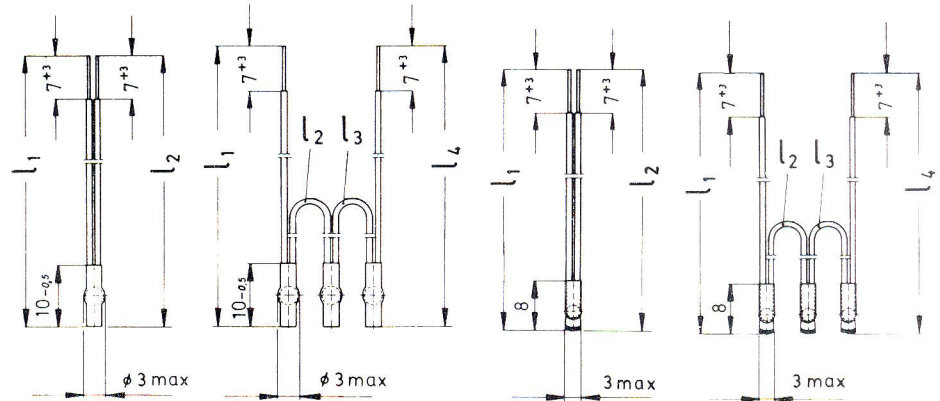


Thermik PTC Thermistors are only one small part of the Thermik product line. If you are dealing with temperature control, overheating protection, temperature sensing etc., Thermik should be your partner. Thermik is dedicated to even solve your severest temperature problems.



**Single Thermistor with Teflon (PTFE) shrink sleeve**

**Triple Thermistor with Teflon (PTFE) shrink sleeve**

**Single Thermistor with NOMEX-MYLAR shrink-cap**

**Triple Thermistor with NOMEX-MYLAR shrink-cap**

The free lead lengths between multiple connected PTC's are designated  $l_2$  and  $l_3$ .

**Standard lead lengths in mm:** Single:  $l_1 = l_2 \approx 520$  mm max;

Triple:  $l_1 = 520$  mm max,  $l_2 \approx 185$  mm max,  $l_3 \approx 185$  mm max,  $l_4 = 520$  mm max;

Connection lead cross section:  $0,14 \text{ mm}^2$ ; Connection lead insulation: PTFE

## COLOUR CODING:

Nominal Response Temperature $\delta_{\text{NAT}}$ [°C]	60	70	80	90	100	110	115	120	130	140	145	150	155	160	170	180
Colour Code of connection leads	white grey	white brown	white white	green green	red red	brown brown	blue green	grey grey	blue blue	white blue	white black	black black	blue black	blue red	white green	white red

Interconnection leads for multiple assembled units are yellow.

## INSTALLATION INSTRUCTIONS

Thermistors should be placed as near as possible to the heat source. In multi-phase motors one Thermistor should be integrated into each winding phase. Good temperature coupling between Thermistor and winding is essential.

Note: To avoid possible damage to the Thermistor insulation including its connection leads, always place it parallel to the winding wires.

## SPECIAL DESIGNS

Thermik also offers tailor-made connections to satisfy your application, e.g. special lead lengths, crimp-terminals, etc. Thermistors in special housings are available as well.

## PTC THERMISTOR TRIP-UNITS

Also available are suitable tripping units. Please call for further details.

## HOW TO ORDER:

**STM.120. DK.0600.0250.0250.0600**

**S** Shrink Insulation Design

Shrink Insulation  
**T** = Teflon, **N** = Nomex

**M** Miniature Thermistor

Nominal response temperature in °C

**E** Single Thermistor unit

**Z** Double Therm. unit, **D** Triple Therm. unit

**S** Standard lead length

**K** Customer specific lead length

$l_1$   $l_2$   $l_3$   $l_4$

$l_1$  to  $l_4$  indicate customer specific lead length (K).

If standard lead lengths are ordered,  $l_1$  to  $l_4$  can be omitted.

Ordering example with standard lead lengths:

**SNM.145.DS**