

12. PTC TECHNICAL SPECIFICATIONS

12.1 Models PTC0150000 – PTC0600000

Storage conditions	0T150 °C
Operating range	0T150 °C
Connections	Stripped ends, dimensions 6±1mm
Sensor	SEN.KTY81/121-20/5
Precision	± 2 °C; 0T50 °C; ± 3 °C; -50T90 °C; ± 4 °C; 90T120 °C.
Dissipation factor (in air)	3 mW
Thermal constant over time (in air)	ca. 15 s
Cable	Silicone
Sensitive element index of protection	IP65
Sensitive element housing	Dim. 40x6 mm
Classification according to protection against electric shock (sensitive element and cable)	Basic insulation for 250 Vac
Insulation resistance at 500 Vdc	>20 MOhm
Dielectric strength	2000 Vac

Tab. 12.b

12.2 Models PTC015W000 - PTC060W000 - PTC060WA00

Storage conditions	-50T100 °C
Operating range	-50T100 °C
Connections	Stripped ends, dimensions 6±1mm
Sensor	SEN.KTY81/121-20/5
Precision	± 2 °C; 0T50 °C; ± 3 °C; -50T90 °C; ± 4 °C; 90T120 °C.
Dissipation factor (in air)	3 mW
Thermal constant over time (in air)	ca. 15 s
Cable	Siliconico
Sensitive element index of protection	IP67
Sensitive element housing	Dim. 40x6 mm - 180x6 mm (PTC060WA00)
Classification according to protection against electric shock (sensitive element and cable)	Basic insulation for 250 Vac
Insulation resistance at 500 Vdc	>20 mOhm
Dielectric strength	2000 Vac

Tab. 12.c

12.3 Models PTC03000W1 - PTC03003000D1 - PTC03000G1

Storage conditions	-30T105 °C
Operating range	PTC03000W1 Range -30*105 °C PTC03000D1 Range -30*105 °C PTC03000G1 Range -50*120 °C
Connections	Stripped ends, dimensions 6±1mm
Sensor	SEN.KTY81/121-20/5
Precision	± 2 °C; 0T50 °C; ± 3 °C; -50T90 °C; ± 4 °C; 90T120 °C
Dissipation factor (in air)	3 m
Thermal constant over time (in air)	approx. 15 s
Cable	Black PVC (PTC03000D1) Grey silicone (PTC03000G1) White PVC (PTC03000W1)
Sensitive element index of protection	IP67
Sensitive element housing	Dim. 40x6 mm
Classification according to protection against electric shock (sensitive element & cable)	Basic insulation for 250 Vac
Insulation resistance at 500 Vdc	>20 mOhm
Dielectric strength	2000 Vac

Tab. 12.d

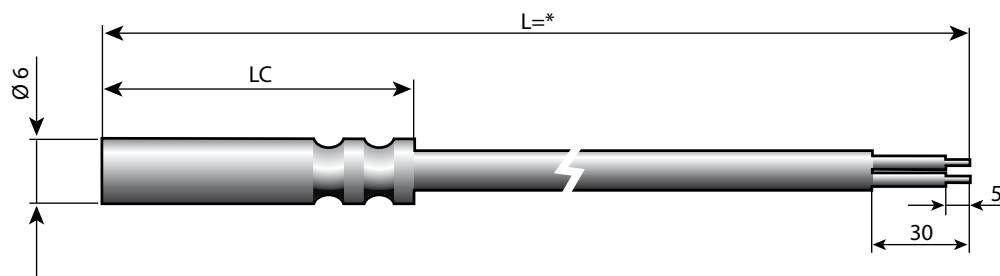


Fig. 12.b

* = see table of product codes in price list