

8.5 Models PT1*HF

Probe with fastening clamp

Storage conditions	-50T105 °C
Sensitive element operating range	-50T105 °C
Connections	Stripped ends, dimensions 6±1 mm
Sensor	Pt1000 Class B
Precision	+/- 0.8 °C; -50T90 °C
Dissipation factor (in air)	3 mW
Thermal constant over time (in air)	approx. 15 s
Cable	Black thermoplastic rubber flat cable (diam. 3.6x1.6 max.)
Sensitive element index of protection	IP67
Sensitive element housing	Thermoplastic with fastening clamp
Classification according to protection against electric shock (sensitive element & cable)	Basic insulation for 250 Vac
Category of resistance to heat and fire	UL/HB cable
Insulation resistance at 1000 Vdc	>20 Mohm
Dielectric strength	1500 Vac

Tab. 8.e

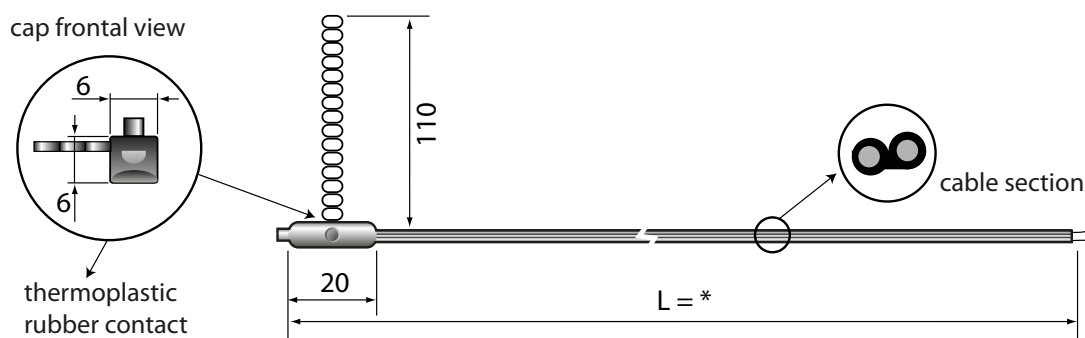


Fig. 8.f

* = see table of product codes in price list

8.6 Models PT1*PS*

Storage conditions	-50T105 °C
Operating range	-50T105 °C
Connections	Stripped and soldered ends, dimensions: 4±1 mm
Sensor	Pt1000 Class B
Dissipation factor (in air)	2 mW/°C
Thermal constant over time (in air)	approx. 50 min (V=1 m/s)
Cable	Two-wire with double sheath, AWG22, tinned copper with resistance ≤73.9Ω/km - Insulation: TPE specific for immersion in water on outer sheath, PP/co inside on wires, OD 3.30+/-0.10 mm
Sensitive element index of protection	IP67
Case	RAL7032 grey Santoprene Food safe Supplementary insulation for 250 Vac
Classification according to protection against electric shock (sensitive element and cable)	Flame retardant
Category of resistance to heat and fire	Flame retardant

Tab. 8.f

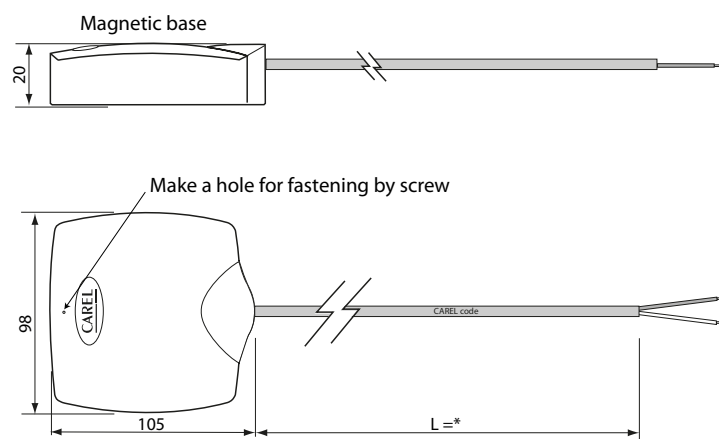


Fig. 8.g

* = see table of product codes in price list