

## 8. PT1000 PROBE TECHNICAL SPECIFICATIONS

### 8.1 Models PT1\*HP\*

Storage conditions	-50T105 °C in air
Operating range	-50T105 °C in air
Connections	Stripped ends, dimensions: 5±1 mm
Sensor	Pt1000 - Class B
Dissipation factor (in air)	ca. 3 mW/°C
Costante term. nel tempo (in air)	ca. / approx. 20 s
Cable	Black two-wire flat cable, with tinned copper wire size 0.3 mm <sup>2</sup>
Sensitive element index of protection	IP67
Sensitive element housing	Polyolefin
Classification according to protection against electric shock (sensitive element and cable)	Basic insulation for 250 Vac
Category of resistance to heat and fire	Flame retardant

Tab. 8.a



Fig. 8.a

\* = see table of product codes in price list

### 8.2 Models PT1\*WF\*

Storage conditions	-50T105 °C
Operating range	-50T105 °C
Connections	Stripped ends, dimensions: 5±1 mm
Sensor	Pt1000 - Class B
Dissipation factor (in air)	ca. / approx. 7 mW/°C
Thermal constant over time (in air)	ca. / approx. 15 s
Cable	Two-wire with double sheath, AWG22, tinned copper with electrical resistance ≤63 Ω/km - Insulation: TPE specific for immersion in water on outer sheath, PP/Co inside on wires, OD 3.5 mm max.
Sensitive element index of protection	IP67
Sensitive element housing	AISI 316 steel diameter 4 mm - L= 30 mm
Classification according to protection against electric shock (sensitive element & cable)	Basic insulation for 250 Vac
Category of resistance to heat and fire	Flame retardant

Tab. 8.b

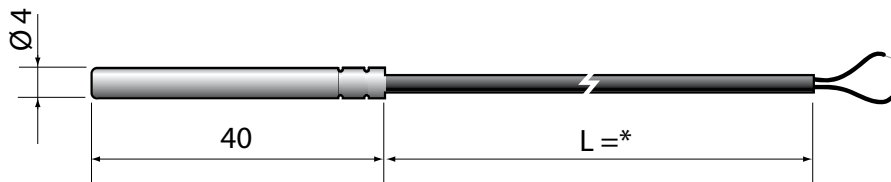


Fig. 8.b

\* = see table of product codes in price list

### 8.3 Models PT1\*WP\*

Storage conditions	-50T105 °C
Operating range	-50T105 °C
Connections	Stripped ends, dimensions: 5±1 mm
Sensor	Pt1000 - Class B
Dissipation factor (in air)	ca. / approx. 2.2 mW/°C
Thermal constant over time (in air)	ca. / approx. 25 s
Cable	Two-wire with double sheath, AWG22, tinned copper with electrical resistance ≤63 Ω/km - Insulation: TPE specific for immersion in water on outer sheath, PP/Co inside on wires, OD 3.5 mm max.
Sensitive element index of protection	IP67
Sensitive element housing	PPcop. with AISI 316 outer cap
Classification according to protection against electric shock (sensitive element and cable)	Insulation supplementare per 250 Vac;
Category of resistance to heat and fire	Flame retardant

Tab. 8.c

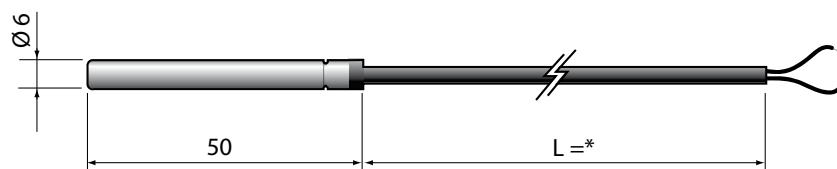


Fig. 8.c

\* = see table of product codes in price list