

hottube

Tubular heater Ø 5.0 mm

Technical key features

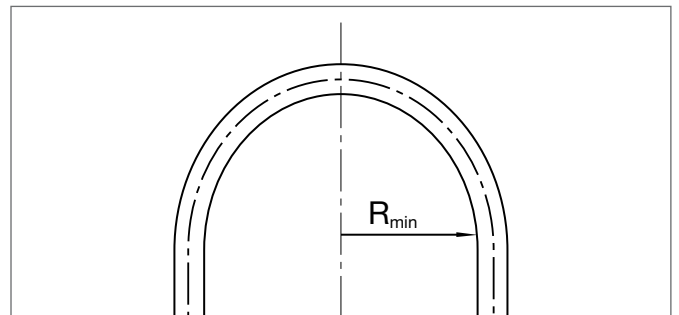
Diameter	5.0 mm / 0.197 inch
Diameter tolerance	± 0.1 mm / ± 3.94 mils
Sheath material	Stainless Steel, Incoloy or Nickel
Max. Sheath temperature	700 °C / 1292 °F
Wattage tolerance*	± 10 %
High voltage resistance*	1.000 V AC
Insulation resistance*	≥ 5 MΩ at 500 V DC
Leakage current*	≤ 0.5 mA at 253 V AC
Max. Sheath surface load	10 W/cm ² / 64.5 W/inch ² , according to application (depending on heated length)

* tested at environmental temperature

Length min.	300 mm / 11.8 inch, straight
Length max.	3.000 mm / 118.1 inch, straight
Length tolerance	± 1.5 %
Length UB _a	25 mm / 0.98 inch
Length UB _b	25 mm / 0.98 inch
Length tolerance UB	± 5 mm / ± 0.197 inch
Minimum bending radius	
- Stainless Steel	R _{min} = 6.0 mm / 0.24 inch (internal)
- Incoloy	R _{min} = 10.0 mm / 0.39 inch (internal)
- Nickel	R _{min} = 8.0 mm / 0.31 inch (internal)
Not bendable area	30 mm / 1.18 inch, on both ends

Max. voltage	250 V, standard 230 V
Connection options**	M 2.5 with set of nuts and washers made of stainless steel, ceramic insulator

** additional connection options available upon request



Minimum bending radius

Available Versions

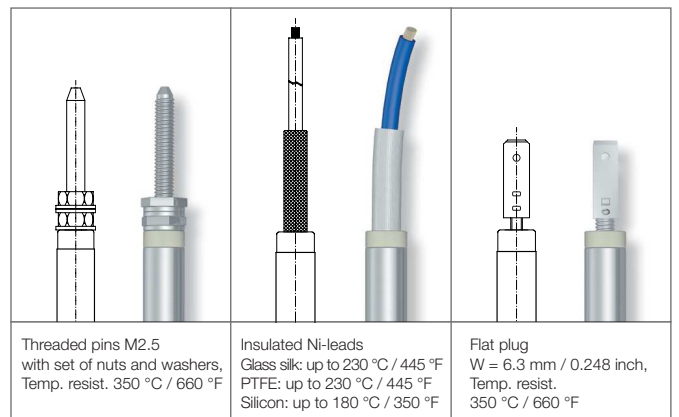
- straight
- bent according to benchmark 1:1 drawing

Options

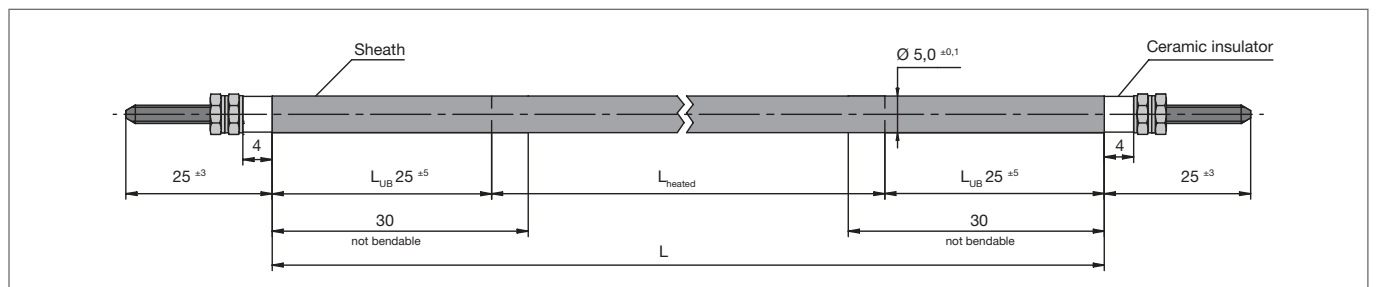
- Custom length
- Custom connection options
- Custom wattage

Application fields

- Plastics industry
- Apparatus construction
- Casting industry
- Packaging industry
- Laboratory industry



Custom connection options



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