

électro-therm

NOZZLE HEATERS

HPS TYPE



ELECTRO-THERM – 26 RUE DU 35ème REGIMENT D’AVIATION – PARC DU CHÊNE

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Description

Electro-Therm HPS nozzle heaters are a new evolution of the HP nozzle heaters.

The basis of our HPS heating rings is a small-diameter, cold-forming heater, wound in the groove of a cylindrical sleeve, usually made of brass.

As an option, these nozzle heaters can be supplied with a thermocouple.

Advantages

- Compact, robust design with slim wall thickness
- Precise power distribution
- Models tailored to customer requirements
- Maximum precision
- Lowest tolerances



Applications

Our nozzle heaters, generally made of brass, are ideal for the plastics and packaging industries. Mainly for hot runner systems.



Technical data :

Base material:

- Generally, in brass
- Nickel-plated brass or stainless steel for high temperatures and loads.

Tubular cartridge heater sheath material: Nickel or CrNi steel

Inside diameter: from 5 mm

Length: 20 - 400 mm

Minimum wall thickness: 1.3 mm

Voltage: 12 - 400 V

Power tolerances: $\pm 10\%$ (smaller tolerances on request)

Power supply: according to customer specifications

Connection type: according to customer specifications

Optional: available with thermocouple

Electro-Therm thermocouples advantages:

- Quick response time
- Moisture proof design
- Robust construction with excellent strain relief of the connection lead
- High temperature resistant connection
- Stainless steel sheathed



For smaller applications, ask for our HPS-Mini. On request with a temperature sensor.



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