



ING. ERHARD FISCHER GMBH

Precise thermal solutions for the aerospace industry


ONE-PAGER

We develop and manufacture customized heating solutions in order to ensure safety and reliability - from the initial idea to series production. Our expertise in integrating heating elements, sensor technology, and diverse fastening enables us to realize even highly complex requirements efficiently and with clarity.

We are your technical sparring partner.



// ADDRESS

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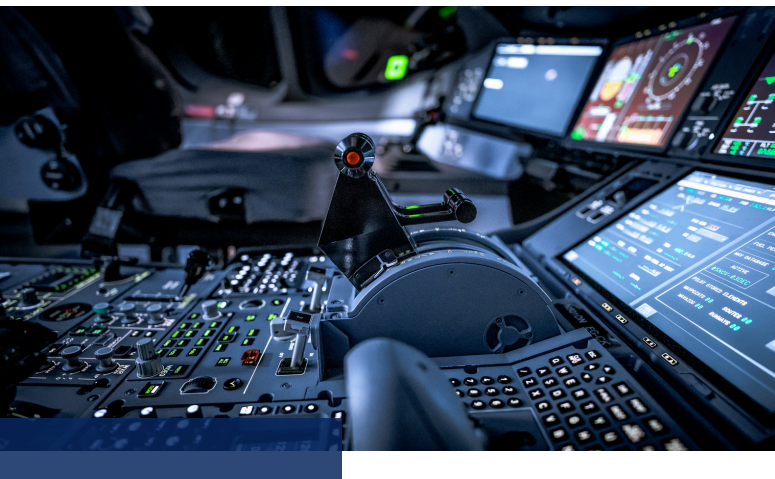
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FLEXIBLE HEATERS

Key Applications

- Regulating **battery temperature** in low temperature environments
- **Defogging** and **de-icing**
- Maintaining **clarity in camera systems**
- Warming **displays, instrumentation**, actuators, valves & much more
- Stabilizing temperatures in **fuel systems, fluid delivery systems**, etc.
- Ensuring optimal functionality of **navigation, communication** and instrumentation systems
- Safeguarding **critical electronics** and propulsion in **satellites**
- Maintaining operating temperatures for **sensitive instruments in spacecraft**.



// PROVEN KNOWLEDGE



1.000+ APPLICATIONS



AS9100 CERTIFIED & MORE



QUICK PROTOTYPING



Instrument panel heater
(All-polyimide heater)



Battery heater



De-icing of plane wings



Kapton heater for
satellite optics

// The Possibilities

- Enable operation at extreme low temperatures
- Maintain low out-gassing in vacuum environments
- Adhere to lightweight construction for flight efficiency
- Enhance fail-safe application through dual redundant circuits
- Offer gold/nickel plating for corrosion and oxidation resistance

// Industry Segments

Avionics & UAVs

Satellites

Spacecraft

Communications

Military Systems

// Your Advantages

Your advantage with us as your sparring partner: We turn your project inquiry into structured, transparent and technically sound solutions - fast, precise and application-optimized.

- ✓ Professional coordination of your project inquiry
- ✓ Thinking ahead technically: We ask the relevant questions, from the idea to prototyping and series production
- ✓ Faster time-to-quote: through targeted briefing and a clear quotation phase
- ✓ Application-specific expertise: Benefit from 1,000+ successful implementations in various industry sectors