The ATEX/IECEx anti-condensation heating elements by CETAL are a simple and effective solution for maintaining the temperature at the level required for the correct operating of a system in a carter or an enclosure.
The anti-condensation heating elements by CETAL are certified for operation in hazardous areas in zone 1 and 2. They are used for:

- Avoiding the dew point
- Freeze protection
- Temperature maintenance of equipment without casing
- Defrosting

They are designed and manufactured according to your specifications.

**Specifications**

- Self-regulation of the heating element temperature through limitation of the Watt density to 0.15 W/cm²
- A temperature control on the element is unnecessary
- T3 temperature class
- Marking: II 2 G Ex eb IIC Gb
- Max. temperature on the element: 200 °C (T3) at 40 °C ambient temperature
- Corrosion-resistant AISI 321 stainless steel tube material (1.4541)
- Tube diameter Ø 8.5 mm
- Supply voltage up to 400 V 1PH
- Easy mounting: direct voltage supply connection through wire
- Can be mounted in any position
- Bracket for casing mounting

**Customizable features**

- Power / voltage supply
- The elements can be formed according to your specifications

* in compliance with the EC-type examination certificate and the IECEx certificate of conformity

**Certifications**

- EC-type examination certificate LCIE 01ATEX 0009 U
- c CSA us
- EAC & CU TR (former GOST)
- BV marine standard cabling
Application example for temperature maintenance
Anti-condensation elements in a motor casing

Examples of realisation

Watt density: 0.15 W/cm²
Power: 250 W 220 V 1PH

Watt density: 0.13 W/cm²
Power: 60 W 120 V 1PH
All CETAL products can be adapted to your specifications.

Contact us!