

High Purity Sanitary Temp. Solutions

Stainless steel, tri-clamped, attested, customized

Hazardous areas are defined as areas with a risk of explosion caused by flammable gases, combustible vapours, dust or fibre.

The term explosion proof protection means that the enclosure (housing) contains the ignition and explosion. The housing material is usually made from cast iron or aluminum. Explosion proof is often used synonymously to flameproof.

Intrinsically safe means that the electronics or wiring are constructed in a way that they limit the energy in the circuit to prevent sparks causing ignition.

Solutions and warranty claim in hazardous areas require the **testing and certification of the complete temperature unit (sensor and housing)** and not just the individual components.

Limatherm from Europe offers

- ATEX, IECEx, FM, CSA certified solutions
- for complete temperature units in
- [flammable/explosion proof](#) and
- [intrinsically safe](#) areas.

