

## Manufacturer's declaration to Directive 94/9/ EC (ATEX)

Scope:

This declaration covers all valves of W.T.Armatur GmbH & Co. KG

Acc. EN 1127 part 1 *Explosion prevention*, the potential ignition sources for the valves of W.T.Armatur GmbH & Co. KG are:

- 1) mechanical produced sparks
- 2) sparks produced by electrostatic potential

According EN 13463 part 1 *Non-electrical equipment for potentially explosive atmospheres* the ignition hazard analysis was conducted.

### A) Evaluation

- 1) During operation of the valve there is no risk that sparks are created mechanically.
- 2) No valve of W.T.Armatur GmbH & Co. KG has an isolating internal lining! So, no electrical potential can be built up. All occurring currents will be guided away through bolts and nuts and connecting flanges!

### B) Result

Valves from W.T.Armatur GmbH & Co. KG have no own potential ignition source. The valves do not fall under the scope of the directive 94/9/EC! Electrical or mechanical actuators have to apply to directive 94/9/EC (ATEX) by separate manufacturer's declarations.

**The valves of W.T.Armatur GmbH & Co. KG can be used in potentially explosive atmospheres without any restriction.**

Applied standards: AD 2000 rules, DIN EN 12266, DIN EN 1092, DIN EN 558 etc.



Manufacturer's expert