

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

Scope: This declaration covers the following hand and operated BVALVE models:

- | | | |
|-----------|--------------|-----------|
| - BV25060 | - BV25065 | - BV500 |
| - BV25061 | - BV25066 | - BV800 |
| - BV25063 | - PRV50065HP | - BV12064 |
| - BV25064 | - BV66 | - BV12065 |

Acc. **EN 1127 part 1 *Explosion prevention***, the potential ignition sources for the valves of BVALVE are:

- 1) Mechanical produced sparks
- 2) Sparks produces by electrostatic potential

Acc. **EN13463 part 1 *Non-electrical equipment for potentially explosive atmospheres*** the ignition hazard analysis was conducted.

A) Evaluation

- 1) During operation (manually or by actuator) there is no risk that sparks are created mechanically.
- 2) No valve of BVALVE has an isolating internal lining, so no electrical potential can be built up. All occurring currents can be guided away above bolts and nuts and the connecting flanges.

B) Result

On no valve of BVALVE an own potential ignition source exists. So the valves do not fall under the scope of the directive 94/9/EC. Therefore BVALVE valves can be used in potentially explosive atmospheres without any restrictions.

Applied Standards: AD 2000 rules, DIN 3230; EN1092; EN558 etc.

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BVALVE

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