

EU- (EC-) declaration of conformity

to directive 2014/34/EU (94/9/EC)

We hereby declare, that the delivered solenoid valves *)

- ➔ in combination with valve solenoids of series 9112 marked:

 II 3G Ex nA IIB T4 Gc

 II 3D Ex tc IIIC T130 °C Dc IP65

conform to the requirements of directive 2014/34/EU (94/9/EC) for use as intended in potentially explosive atmospheres.

The solenoids have been developed and designed to the following harmonised standards:

- ➔ EN 60079-0:2012 — Electrical apparatus for explosive gas atmospheres — Part 0: General requirements
- ➔ EN 60079-15:2011 — Electrical apparatus for explosive gas atmospheres — Part 15: Construction, test and marking of type of protection “n” electrical apparatus
- ➔ EN 60079-31:2010 — Explosive atmospheres — Part 31: Equipment dust ignition protection by enclosure „t“
- ➔ EN 60529:2000 — Degrees of protection provided by enclosures (IP code)
- ➔ EN 13463-1:2009 — Non-electrical equipment for potentially explosive atmospheres — Part 1: Basic method and requirements (Valves are not marked as no mechanical ignition sources were found during risk analysis).

*) Caution

Valves from DN 65 and up additionally require secure connection between valve casing and the unit's equipotential bonding! The maximum surface temperature of the body depends on the fluid and the ambient temperatures and must be below the ignition temperature.


Oliver Wehking
Managing Director


Eckhard Euscher
Representative

Bad Oeynhausen, 11 April 2016

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