

EU declaration of conformity

to directive 2014/34/EU

We hereby declare, that the delivered solenoid valves *)

- ➔ in combination with valve solenoids of series: 8900...8909 with distinguishing mark

 II 2G Ex db eb IIC T4 / T5 Gb

 II 2D Ex tb IIIC T130°C / T95°C Db

- ➔ and 8920...8929 with distinguishing mark:

 II 2G Ex db IIC T4 / T5 Gb

 II 2D Ex tb IIIC T130°C / T95°C Db

conform to the requirements of directive 2014/34/EU for use as intended in potentially explosive atmospheres.

The solenoids have been manufactured using the following harmonised standards:

- ➔ EN 60079-0:2012 + A11:2013
Explosive atmospheres – Part 0: Equipment
– General requirements
- ➔ EN 60079-1:2014
Explosive atmospheres – Part 1: Equipment protection
by flameproof enclosures „d“
- ➔ EN 60079-7:2015
Explosive atmospheres – Part 7: Equipment protection
by increased safety „e“
- ➔ EN 60079-31:2014
Explosive atmospheres – Part 31: Equipment dust ignition
protection by enclosure „t“

Other applicable directive

- ➔ 2014/30/EU: Electromagnetic compatibility (EMC)



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Information on the EMC directive

The valve solenoids shall be provided with an electrical circuit, which ensures the limits of the harmonised standard EN 61000-6-2 are observed, and hence the requirements of guideline 2014/30/EU (Electromagnetic compatibility) satisfied.

EU type examination certificate

- ➔ 890x: BVS 19 ATEX E 013 X
- ➔ 892x: BVS 19 ATEX E 014 X

EU certificate for quality system

- ➔ TÜV 03 ATEX 2158 Q
Issued by TÜV NORD CERT (Notified Body No. 0044)

*) Caution

The bodies of valves DN 65 and larger must also be reliably connected to the PE conductor of the electrical system. The maximum surface temperature of the body depends on the fluid and the ambient temperatures and must be below the ignition temperature.



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Bad Oeynhausen, 26 March 2019



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