

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 9841, 9844 and 9845 with distinguishing mark:

 II 2G Ex mb IIC T4 Gb

 II 2D Ex mb tb IIIC T130°C Db

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

- ➔ DIN EN 60079-0:2012+A11:2013
Electrical apparatus for explosive gas atmospheres — Part 0: General requirements
- ➔ DIN EN 60079-18:2009
Electrical apparatus for explosive gas atmospheres. Equipment protection by encapsulation “m”
- ➔ EN 60079-31:2009
Explosive atmospheres – Part 31: Equipment dust ignition protection by enclosure “t”
- ➔ EN 13463-1:2009
Non-electrical equipment for potentially explosive atmospheres — Part 1: Basic method and requirements
- ➔ DIN EN 60529:2000
Degrees of protection provided by enclosures (IP code)
- ➔ DIN VDE 0580:2011
Electromagnetic devices and components – General specifications

EC-type examination certificate:

- ➔ PTB 10 ATEX 2003 X

EC-certificate for quality system:

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



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***) Caution**

The bodies of valves DN65 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, 30 June 2016

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