

EU-declaration of conformity

to directive 2014/34/EU

We hereby declare, that the delivered solenoid valves *)

- ➔ in combination with valve solenoids of series
6100...6119, 6120...6139, 6140...6169, 6170...6189, 6190...6199, 6200...6219,
6220...6239, 6240...6259
with distinguishing mark:

 II 2G Ex eb mb IIC T4 Gb

 II 2D Ex mb tb IIIB T125°C-135°C Db

 II 2G Ex eb mb IIC T3 Gb

 II 2D Ex mb tb IIIB T135°C-150°C Db

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

The solenoids have been manufactured to the following harmonised standards:

- ➔ EN 60079-0:2012 + A11:2013 – Explosive atmospheres – Part 0: Equipment – General requirements
- ➔ EN 60079-7:2015 – Explosive atmospheres – Part 7: Equipment protection by increased safety “e”
- ➔ EN 60079-18:2015 – Explosive atmospheres – Part 18: Equipment protection by encapsulation “m”
- ➔ EN 60079-31:2014 – Explosive atmospheres – Part 31: Equipment dust ignition protection by enclosure “t”
- ➔ EN 60529:2014 – Degrees of protection provided by enclosures (IP code)

Other applicable directives

- ➔ 2014/30/EU: Electromagnetic compatibility

EU-type examination certificate

- ➔ PTZ 16 ATEX 0011 X

EU-certificate for quality system

- ➔ TÜV 03 ATEX 2158 Q
Issued by TÜV NORD CERT, D-30519 Hannover (Notified Body No. 0044)

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***) Important**

The bodies of valves DN65 and larger must also be reliably connected to the circuit breaker 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.



Oliver Wehking
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Representative

Bad Oeynhausen, 29 March 2017

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