EU Declaration of Conformity

in acc. to Directive 2014/34/EU

Buschjost GmbH
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www.fluidcontrol.imiplc.com

We hereby declare under our sole responsibility that the solenoid valves supplied *)

- in combination with valve solenoids of the series:
  80xx, **81xx**, **83xx**, **84xx**, **91xx**, **93xx**, **94xx** and **95xx**
  in combination with the mounted socket **1262390** or with the ATEX retrofit kit **1262560** with distinguishing mark:

  Ex II 3G Ex ec IIC T4 Gc

  Ex II 3D Ex tc IIIC T130°C Dc

are in conformity with the relevant Union harmonization legislation:

- Directive 2014/34/EU for use as intended in potentially explosive atmospheres (ATEX)
- Directive 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment (RoHS 3)

The following harmonized standards were used as reference:

- EN IEC 60079-0:2018
  Explosive atmospheres –
  Part 0: Equipment – General requirements
- EN IEC 60079-7:2015/A1:2018
  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"
- EN 60529:2014
  Degrees of protection provided by enclosures (IP Code)

Notes on Directive 2014/30/EU (EMC)

Valve solenoids are passive inductive components and thus are not subject to the directive 2014/30/EU.

- In combination with other controlling electrical devices the electro-magnetical compatibility of the complete installation must be checked according to the abovementioned directive. It has to be ensured that the requirements of the EN 61000-6-x series of standards are fulfilled for the application.

Geschäftsführer: Martin Maas
Sitz der Gesellschaft: Bad Oeynhausen
Handelsregister: Amtsgericht Bad Oeynhausen, HRB 11565
USt.-IdNr.: DE 815 104 991

***) 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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Representative

Bad Oeynhausen, 14th Juni 2024

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