

## EU-declaration of conformity

### to directive 2014/34/EU

We hereby declare, that the delivered solenoid valves \*)

- ➔ in combination with valve solenoids of series  
8036...8045, 8136...8145, 8186...8195, 8336...8345, 8436...8445,  
9136...9145, 9186...9195, 9236...9245, 9336...9345, 9350...9360

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

Harmonised standards applied:

- ➔ EN 60079-0:2012 + A11:2013  
Explosive atmospheres – Part 0: Equipment – General requirements
- ➔ EN 60079-7:2007  
Explosive atmospheres – Part 7: Equipment protection by increased safety “e”  
(not relevant for series 9136 ... 9145)
- ➔ 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 60529:2000  
Degrees of protection provided by enclosures (IP code)
- ➔ DIN VDE 0580:2011  
Electromagnetic devices and components – General specifications

### Other applicable directives

- ➔ 2011/65/EU: Directive on the restriction of the use of certain hazardous substances in electrical and electronic equipment (RoHS)
- ➔ 2014/30/EU: Electromagnetic compatibility

### EC-type examination certificate

- ➔ TÜV 06 ATEX 553076 X                      TÜV 06 ATEX 553413 X (8186...8195)
- ➔ TÜV 06 ATEX 553414 X (9136...9145)      TÜV 06 ATEX 553415 X (9186...9195)



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## EC-certificate for quality system

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

## Remark

The standards specified in the type examination certificate have been partially replaced with new versions. Therefore, both a conformity assessment and a risk assessment were carried out to verify that there are no significant technical changes relating to product-specific requirements in the current standards. Thus, the products continue to be “state of the art” and meet the essential health and safety requirements of Directive 2014/34/EU.

## Information on the EMC directive

It must be ensured, by suitable wiring of the valve solenoids, that standards EN 61000-6-2 and EN 61000-6-4 are complied with and therefore that the requirements of Directive 2014/30/EU (EMC) are met.

## \*) 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.

  
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