

Non electric explosion protection

Schubert & Salzer Control Systems Control- and On - Off Valves of the series 4xxx, 6xxx, 7xxx (without 7041) and 8xxx

The valves designated above were examined to assess their conformity to the provisions of Directive 2014/34/EU (ATEX) with the following result:

- The valves were assessed to evaluate the risk of ignition under DIN EN 80079-36:2016. It was established that the valves **do not represent an inherent potential ignition source**. Therefore, **ATEX 2014/34/EU cannot be applied** to the valves and they may not be characterised as such.
- The valves comply with the requirements of the machinery Group II, categories 2 and 3 for gas and dust mixtures and are therefore suitable for use in potentially explosive atmospheres (zones 1 and 2 or 21 and 22).
Nevertheless, we must advise that a potentially explosive situation can arise from the build-up of an electrostatic charge in the case of certain media and at certain flow speeds. Under Directive 1999/92/EG, the operator is responsible for drawing up this assessment.
- This declaration applies to all valve components and control and stop valves with manual or pneumatic actuators, but only for the listed product ranges and only in the standard configurations described in the data sheets. Individual conformity assessments under ATEX must be made for special designs and other actuators.

Supplementary notes:

- Valves may be actuated manually or pneumatically as well as by other mechanical/electrical means.
- Such other mechanical/electrical actuators must be subjected to a conformity assessment according to ATEX (this applies especially to motorised actuators).
- All electrical and mechanical accessories (such as positioners, limit switches, solenoid valves, etc.) must be subjected to a conformity assessment according to ATEX.

Comment:

Directive 2014/34/EU (ATEX) applies only to atmospheric conditions.

Atmospheric conditions do not exist, within the meaning of the Directive, when the ambient temperature (also in pipelines and processes) falls outside the range between -20°C to +60°C and when pressures are below 0,8 bar or over 1,1 bar. If a product is intended for use under other temperatures and pressures, it does not fall within the provisions of ATEX 2014/34/EU.

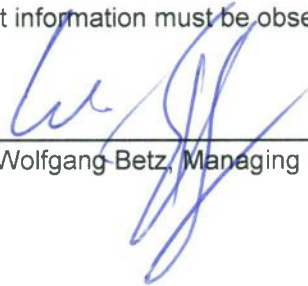
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This declaration certifies compliance with the quoted directives but does not constitute an assurance of properties.

The safety instructions included the accompanying product information must be observed.



Ronny Grubitz, Managing Director



Wolfgang Betz, Managing Director

Ingolstadt, 13.09.2018