

## EC Conformity Declaration according to Directive 2006/42/EC

Close: 06/2011

We hereby declare that our pneumatic pivoting actuators of the PSA/E series are incomplete machines as defined by the EC Machinery Directive 2006/42/EC. Commissioning of the incomplete machine is forbidden unless the valve on which the actuator is mounted has been installed in a pipeline system.

Any modification to the actuators that affects their technical specification or function invalidates this Declaration. This EC Conformity Declaration applies to double-acting and single-acting pneumatic actuators type EPSA/E.

We confirm compliance with the fundamental requirements of the European Directive ATEX 94/9EC Equipment and Protective Systems intended for use in potentially explosive atmospheres of Group II Category 2, non-electrical equipment.

Product: Actuator for operation with hydraulic media and compressed air

Model/series code: PSA/E

Operating medium: Water, emulsion (water-oil mixture), compressed air

Special conditions for safe use:

- **The outer shell of the actuator contains aluminium and therefore, when the actuator is used in coal mining (group I) in protected arrangement. Operation of the rotary actuator without protection of the housing is not permitted. This requirement also applies during transport and installation.**
- Before the actuator is started, the pipelines and compartment must be flushed with the medium at least 5 times to flush away any remaining atmosphere.
- It must be ensured that there is no electric potential difference between the actuator and other parts of equipment. The actuator must be integrated in the central equipotential bonding system.
- It must be ensured that the pipeline is free from corrosion particles which could be charged with static electricity.
- Only media that are **not potentially explosive substances** shall be used.
- Only original parts shall be used.
- The operating instructions must be observed.
- Compliance with the specifications, environment and the safety instructions under the specified operating conditions must be ensured.

Applicable norms: EN 13463-1:2001  
EN 1127-1:1997

Applied national norms VDI/VKE 3845  
(Joints, valves, actuators and technical specifications, auxiliary equipment)

The product must be labelled according to ATEX 95 ExVo:

**I M2 GD c X**

Specifications may change as design revisions take place.  
Dortmund 01/03/2012



Matthias Heiduck  
Management