

## Consideration of Conformity - Conductivity in accordance with 2014/34/EU (ATEX)

concerning non-electric equipment intended for use in potentially explosive atmospheres acc. DIN EN 13463-1

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### Preamble

A defining element of the Directive 2014/34/EU is that equipment within the meaning of the Directive must have its own potential sources of ignition. Potential sources of ignition may be e.g. electric sparks, electric arcs and flashes, electrostatic discharges, mechanically generated sparks, etc..

The pinch valves have been examined to determine danger of ignitions as per DIN EN 13463-1/2001.

**Potential ignition sources which come from the pinch valves themselves have not been ascertained.**

"Simple" products with no own source of ignition, respectively their only possible source of ignition is the static charge resulting from the flow of a substance are outside of the scope of ATEX Directive 2014/34/EU and consequently must not be marked with the Ex-symbol. This does not preclude the need for types of protection to avoid an effective ignition source given that these "simple" products are intended for use in hazardous environments and will therefore have to be safe for use as determined by the employer's risk assessment under the relevant use Directive 1999/92/EC.

### Important Informations!

- if a pinch valve is to be used in potentially explosive areas (ex-zones) a HO-Matic pinch valve in ATEX version (all components are electrically conductive) must be used compulsorily!  
Important! ATEX-version pinch valves are visible marked with a blue-silver-black sticker.
- the ATEX-version pinch valve can principally be used in ex-zones. Before its installation, please read the "installation and operating conditions for the use in ex-zones" carefully. The described grounding must strictly be followed.
- if the ATEX-version pinch valves will be used with mechanical or electrical devices for control within the ex-zones, make sure the assembly will also fulfill the 2014/34/EU Directive.
- the rubber sleeve is naturally subject to wear and aging. If the pinch valves are used in potentially explosive areas of the ex-zones, the rubber sleeve must be checked at regular intervals for proper function and wear and replaced if necessary.
- the maximum allowable temperature for the rubber sleeve for use in ATEX zones is 20°C lower than in a standard application.

place and date

CH-8910 Affoltern a.A., 22. November 2018

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