

## ATEX CLEARANCE CERTIFICATE

The company HAFNER Pneumatika Kft. hereby declares that the products

Actuating elements:

BA 222, BA 223, BA 224, BA 226, BA 227 01

Panel mounting valve types:

BA 311 301, BA 511 301

Manually and mechanically actuated valves:

BH 320 701, BH 520 701

Hand-lever valves:

HV 311 181, HVR 320 181, HV 511 181, HVR 520 181, HV 53\_ 181, HVR 53\_ 181

may not be put into service before the system in which it will be incorporated is declared to comply with the provisions of the European directive 2006/42/EC about the Safety of Machines, and with the regulations transposing it into national law.

According to the directive 2014/34/EU, Article 1 and Article 2, these products do not fall under the scope of the ATEX directive, because they are not capable of causing an explosion through their own potential sources of ignition.

So, these products are not marked in terms of the ATEX directive. An ignition risk assessment has been carried out.

If the installation regulations for devices and facilities in potentially explosive atmospheres and areas are complied with (e.g. ISO 80079-36, EN 60079-14, EN 61241-14), the equipment can be used as following:

Group II, Category 2, Gas (II 2 G): for Zones 1, 2, in explosion group IIB.

Group II, Category 2, Dust (II 2 D): for Zones 21, 22, in explosion group IIIC.

Permitted temperature class: T6.

Allowed ambient temperature:  $-10^{\circ}\text{C} \leq T_a \leq +50^{\circ}\text{C}$ .

Products with "TT" suffix in the type number:  $-50^{\circ}\text{C} \leq T_a \leq +50^{\circ}\text{C}$ .

Important notes:

- The installation regulations valid in the designated country of use are to be observed.
- Dust deposits are to be removed regularly.
- The installation and operation instructions provided by the manufacturer are to be considered compellingly.
- Compressed air must be produced outside of the hazardous area.
- The use of any flammable or explosive flow medium is not permitted.
- Connect conductive metal parts together for potential equation and ground the entire system.
- If the above-mentioned products are built-in in a higher-level machine / tool / equipment, the risks of this machine / tool / equipment have to be assessed by the manufacturer of the higher-level machine / tool / equipment.

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