

**ATEX CLEARANCE CERTIFICATE**

The company **HAFNER Pneumatika Kft.** hereby declares that the products

Actuating elements:

BA 221 \_\_, BA 225 00

Manually and mechanically actuated valves:

BH 320 401, BH 520 401, BV 311 301, BV 511 301, BR 311 301, BR 311 501, BAS 311 301, BAS 311 501

Logic elements:

VA 401, VA 304, VA 341, VA 361, ES 401, ES 304, ES 341, DR 501, DR 801, DR 101, SE 501, SE 501 TT, SE 501 VES, SE 501 VES TT, SE 801, SE 801 TT, SE 801 VES, SE 801 VES TT, SE 8101, SE 8101 TT, SE 121, SE 121 TT, SE 121 VES, SE 121 VES TT

Hand-lever valves:

HV 311 501, HV 311 701, HV 311 801, HV 311 101, HV 311 121,

HVR 320 501, HVR 320 701, HVR 320 801, HVR 320 101, HVR 320 121,

HVRN 320 701, HVRN 520 101, HVRN 520 121, HVRN 520 701, HVRN 531 121, HVRN 531 701, HVRN 532 701,

HV 511 501, HV 511 701, HV 511 801, HV 511 101, HV 511 121,

HVR 520 501, HVR 520 701, HVR 520 801, HVR 520 101, HVR 520 121,

HV 53\_ 501, HV 53\_ 701, HV 53\_ 801, HV 53\_ 101, HV 53\_ 121,

HVR 53\_ 501, HVR 53\_ 701, HVR 53\_ 801, HVR 53\_ 101

Valves with Interface according to NAMUR-Standard:

HVN 311 701, SENR 20, SENR 207, SENR 207 01, SENR 121 01, UB 701, UB 701 E, UB 701 VES, UB 701 NPT VES, UB 701 01 NPT VES,

BHN 601, BHN 601 01, BHN 601 VES, BHN 611 01, BHN 611 02, BHN 611 02 EDS, BHN 611 02 VES, BHN 601 01 VES, BHN 611 01 VES,

BHN 611 01 VES AIR, BHN 601 02, BHN 611 01 LL, BHN 611 04 LL, BHN 601 01 EMT, BHN 601 NPT, BHN 420 701,

DRN 3 601, DRN 3 611, DRN 5 601, DRN 5 611, DRN 3 128, DRN 5 128, DSVN5\_

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 compiled 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 IIC.

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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