

**DECLARATION OF CONFORMITY ABOUT THE USE OF
SISTEM PNEUMATICA COMPONENTS IN AREAS AT RISK
OF EXPLOSION**

The Sistem Pneumatica components haven't their own sources of ignition, excluding the electrostatic charges which were duly considered, therefore they are not included in the purposes of the **Directive ATEX 2014/34/UE**, this means that they have not to be certified and must not have the marking required by this Directive.

Concerning the electrostatic charges, all the Sistem Pneumatica components (Metal series, Easy Series, Resin, K series and the pipes) were assessed by the **Notified Body DEKRA EXAM** of Bochum, Germany, in the report no. 10EXAM 10200 BVS-BI (download the final DEKRA evaluation report).

This examination shows that it is possible to use the components of the Metal, Easy, Resin and K series and the pipes in plastic material in areas with danger of dust explosion classified as Zone 20, 21 and 22, and in areas with danger of gas explosion classified as Zone 1 (excluding gases and vapors of group IIC) and Zone 2.

Moreover the components of the Metal series can be used in all the Areas with danger of explosion if grounded.

The components of the Metal series not grounded can be used in all the Areas with explosion hazard except Zone 0 and Zone 1 with presence of gas and vapors of group IIC.

It is not allowed the use of Sistem Pneumatica components in processes with strong generation of charge, as, for example, the pneumatic transport of dusts.

The use of Sistem Pneumatica components is allowed in the transport of compressed air or in mechanical processes, as assembling, cleaning, etc, that don't produce a strong generation of charge on the components themselves.

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SISTEM PNEUMATICA SrL
Amministratore Delegato
Lorenzo Gamberini

