

DECLARATION for Products out of scope of Directive 94/9/EC (ATEX Directive)

The company

SMC Corporation
4-14-1, Sotokanda, Chiyoda-ku
Tokyo 101-0021
Japan

Certifies that the following non-electrical products do not fall under the scope of Directive 94/9/EC.

Following an ignition hazard assessment it is proven that these products have no potential ignition sources of their own.

These products can be used in Zone 1 and 2, for gas explosive atmosphere and Zone 21 and 22 for dust explosive atmosphere. ^{Note 1}

The basis of this declaration is the ignition hazard assessment made on the representative samples of the product series.

[Name]

Check Valve

Check Valve

Bushing Type Check Valve with One-touch Fittings

[Series]

AK#000-###

AKM##00-###

AKH###-(N)##S, AKH##-00

AKB###-(N)##S

Note 1: This declaration is applicable as long as the products are used according to the specification in the catalogue or operation manual and under the following additional conditions

- Limited to explosive atmospheres type IIA and IIB.
- It is the circuit designer's responsibility to ensure significant heat generation due to compression of operating gas does not occur.
- The explosive atmosphere is not allowed to enter the pneumatic circuit, even in case of expected malfunction.
- The product is not intended for use in an environment where stray electric currents can be induced or where cathodic corrosion protection is used.
- Exhaust air or leakage should not be allowed to whirl up gathered dust and create a potentially explosive dust atmosphere.

Mr. Masatoshi Takeuchi
Manager of Development Department 3

2009. 5. 11.
(Date)

M. Takeuchi
(Signature)