



## EU-DECLARATION OF CONFORMITY

**Manufacturer:** FRIEDRICH Schwingtechnik GmbH, Am Höfgen 24, D - 42781 Haan  
**Distributor:** FRIEDRICH Schwingtechnik GmbH, Am Höfgen 24, D - 42781 Haan

We herewith declare for our own responsibility that the:

**FRIEDRICH – vibrator motor series FE .....  
Serial-No.: .....  
Equipment group II, equipment category 3 G and D**

in its design and type as well as by us sold execution is in conformity with the following European Directive:

1. 2014/34/EU - DIRECTIVE 2014/34/EU OF THE EUROPEAN PARLIAMENT AND THE COUNCIL OF 26 FEBRUARY 2014 ON THE HARMONISATION OF THE LAWS OF THE MEMBER STATES RELATING TO EQUIPMENT AND PROTECTIVE SYSTEMS INTENDED FOR USE IN POTENTIALLY EXPLOSIVE ATMOSPHERES (recast)

Mark:

II 3 G Ex nA IIA T4  
II 3 D Ex tD A22 IP66 T120°C

The following harmonized standards have been used::

- |               |   |
|---------------|---|
| -IEC 60079-0  | <i>Electrical apparatus for explosive atmospheres- General requirements</i>   |
| -IEC 60079-15 | <i>Electrical apparatus for explosive atmospheres- Equipment protection by type protection "n"</i>                            |
| -IEC 60079-31 | <i>Electrical apparatus for explosive atmospheres- Equipment dust ignition protection by enclosure "t"</i>                    |
| -IEC 60034-5  | <i>Rotating electrical machines part 5: Degrees of protection provided by integral design of rotating electrical machines</i> |

The DECLARATION OF CONFORMITY expires by misapplication as well as by engineering change which was not confirmed by us as the manufacturer in writing.

The safety instructions provided in the product manual must be observed.

The named product is intended for fitting in another machine. Commissioning is prohibited until such time as the end product has been proved to conform to the provisions of Directive 2006/42/EC.

This Declaration does not give assurance of properties within the meaning of product liability.

Haan,den

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M. Gerth, Geschäftsführer

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S.Mellinghaus, Leiter Qualitätsmanagement