NetterVibration

**Declaration of Conformity for**
electric external vibrators series
NEA/NEG

Feb. 2021
No. 4910E

**Declaration of conformity in compliance with**
**ATEX Directive 2014/34/EU**

We herewith confirm that the electric external vibrators

**series NEA/NEG**

comply with the following regulations:

**2014/34/EU**

Used harmonised standards:

**EN 60079-0:2012 + A11:2013**
**EN 60079-31:2014**
**EN 60034-1:2010**

The sign X placed after the certificate number indicates that the equipment is subject to special conditions for safe use as specified in the annex of this declaration.
The marking of the electric external vibrators additionally includes:

II 3D Ex tc IIIC T100°C Dc (housing size 50 and 60)

**Documentation:**

Doc. No. NV 2017 002 X (internal document number / GG 50 and 60)

Mainz-Kastel, 01.02.2021

p.p. M. Herrmann
(Chief Technical Officer)

*Serving industry with vibration*

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**Annex to the Declaration of Conformity for**
electric external vibrators series
NEA/NEG

Feb. 2021
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## Annex to declaration of conformity NEA/NEG

**Description:**

The electric external vibrators series NEA/NEG consist of a rotor, a stator, roller bearings and opposing unbalances at both ends. The entire unit is integrated in a housing of aluminum alloy or cast iron. The types differ in the way they are fastened.

**Markings:**

*NetterVibration*,
Germany, 55252 Mainz-Kastel
Serial number: ...
Degree of protection: IP6X

Type: ... (depending on the variant)
Year of manufacture: ...
-20 °C ≤ $T_{amb}$ ≤ 40 °C or 55 °C (depending on vibrator)

II 3D Ex tc IIIC T100°C Dc (housing size 50 and 60)

U in [V] I in [A] P in [kW] (depending on vibrator)

Do not open when an explosive atmospherer is present.
Potential electrostatic charging hazard. Clean only with a wet cloth.

**Special conditions for safe use:**

- The cable attachment must be provided in the immediate vicinity of the cable entrance.
- The electrical parameters U, I, P indicated on the type plate must be adhered to.
- All accessories connected to the NEA/NEG that are designed to guarantee proper functioning and safety must have a degree of protection appropriate to the specific application.
- The operator must regularly check the good condition of the roller bearings and must never exceed the service life specified by the manufacturer.
- A PTC thermistor must be available and connected to operate the NEA/NEG with a frequency converter in ATEX zones.

Mainz-Kastel, 01.02.2021

p.p. M. Herrmann
(Chief Technical Officer)

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