

Manufacturer's declaration

for components without their own ignition source based
on EU Directive 2014/34/EU (ATEX)


We hereby declare that the


Component: **GX shaft**

has undergone an ignition risk analysis. It has been duly established that the component does not have its own potential ignition source.

This means that the component **does not fall under the scope of Directive 2014/34/EU (ATEX)** and **does not** have to be labelled accordingly.

The component can be used as follows:

 **In zone 1, explosion group IIC, temperature classes T4-T1, ambient temperature -10°C to +60°C (gas atmosphere)**

 **In zone 21, explosion group IIIC, temperature class T4-T1, ambient temperature -10°C to +60°C for zone 21 (dust atmosphere)**

The following harmonised standards apply:

EN 1127-1	Explosion prevention and protection – Part 1: Basic concepts and methodology	2011
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The associated operating instructions contain important safety information and regulations for commissioning the specified mechanical components.

Alterations and repairs to the specified components are not permitted, except with explicit written permission from the manufacturer.

If the specified components are installed in a higher-level machine, any new risks that result from the installation must be assessed by the manufacturer of the new machine.

HSB-Automation GmbH, January 2021

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