ATEX questionnaire

For explosion-proof fans in accordance with Directive 2014/34/EU and DIN EN 14986

POLLRICH MOVING AIR. SAVING ENERGY.

1. CUSTOMER AND PROJECT INFORMATION

Company:

Date:

Project:

Name:

Keyword:

Offer/order no.:

Fan:

2. PROMOTION OF EXPLOSIVE ATMOSPHERES

INSIDE THE FAN

Zone / Category

- ☐ Zone 1 Category 2G
- ☐ Zone 2 Category 3G
- ☐ Zone 21 Category 2D
- ☐ Zone 22 Category 3D
- ☐ No zone / No category

Gas explosion group

- ☐ IIA
- ☐ IIB
- ☐ IIC (nur H2)

Dust explosion group

- ☐ IIIA Flammable fluff
- ☐ IIIB Non-conductive dust
- ☐ IIIC Conductive dust

Medium:

Ignition temperature / temperature class

Gas explosion

- ☐ T1
- ☐ T2
- ☐ T3
- ☐ T4
- ☐ T5
- ☐ T6

Dust explosion

Ignition temperature: °C

Glowing temperature: °C

- ☐ Sticky
- ☐ Abrasive

Intake temperature

Min: °C Max: °C

OUTSIDE THE FAN

Zone / Category

- ☐ Zone 1 Kategorie 2G
- ☐ Zone 2 Category 3G
- ☐ Zone 21 Category 2D
- ☐ Zone 22 Category 3D
- ☐ No zone / No category

Gas explosion group

- ☐ IIA
- ☐ IIB
- ☐ IIC (nur H2)

Dust explosion group

- ☐ IIIA Flammable fluff
- ☐ IIIB Non-conductive dust
- ☐ IIIC Conductive dust

Medium:

Ignition temperature / temperature class

Gas explosion

- ☐ T1
- ☐ T2
- ☐ T3
- ☐ T4
- ☐ T5
- ☐ T6

Dust explosion

Ignition temperature: °C

Glowing temperature: °C

- ☐ Sticky
- ☐ Abrasive

Ambient temperture

Min: °C Max: °C

ATEX questionaire

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3. ENTRY CONDITIONS IN ACCORDANCE WITH TECHNICAL GUIDELINES

According to EN 14986, fans that meet the following inlet conditions are considered to be ATEX-compliant:

- Ambient pressure between 0.8 and 1.1 bar
- Intake air temperature between -20 and +60°C
- Maximum 21% oxygen by volume
- Maximum delivery of 25.000 J/kg; this corresponds to a pressure increase of 30.000 Pa in relation to a density of 1,2 kg/m³

To be completed if the defined operating conditions of the fan differ from those specified in the standard:

☐ Written confirmation that the fan has been manufactured in accordance with the standard without issuing a declaration of conformity in accordance with DIN EN 14986:2017 is sufficient.

☐ We hereby confirm that the deviations of the fan inlet conditions from the above-mentioned limits of the standard do not pose an increased ignition hazard and request the issuance of a declaration of conformity in accordance with DIN EN 14986:2017.

Deviations from the defined operating conditions will invalidate the conformity of the product.

Date:	Name:	Signature and company stamp: