Pure competence in air.

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[Battery production]   [Production halls]

[Chemical industry]

[Pharmaceutical industry]

[Foodstuffs production]

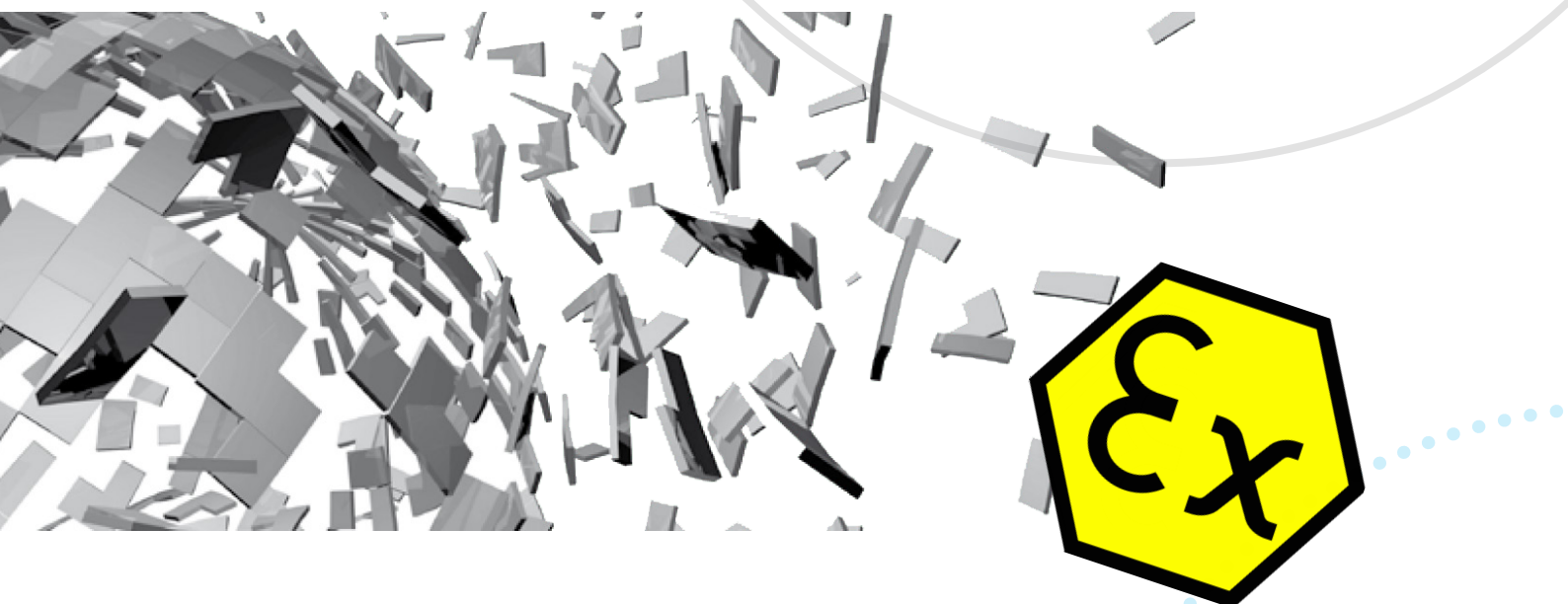[Hazardous materials storage]

[Gas powered systems]

[Varnishing systems]

[and many more]

Explosion-proof products

certified according to

ATEX Directive

2014/34/EU

Ex

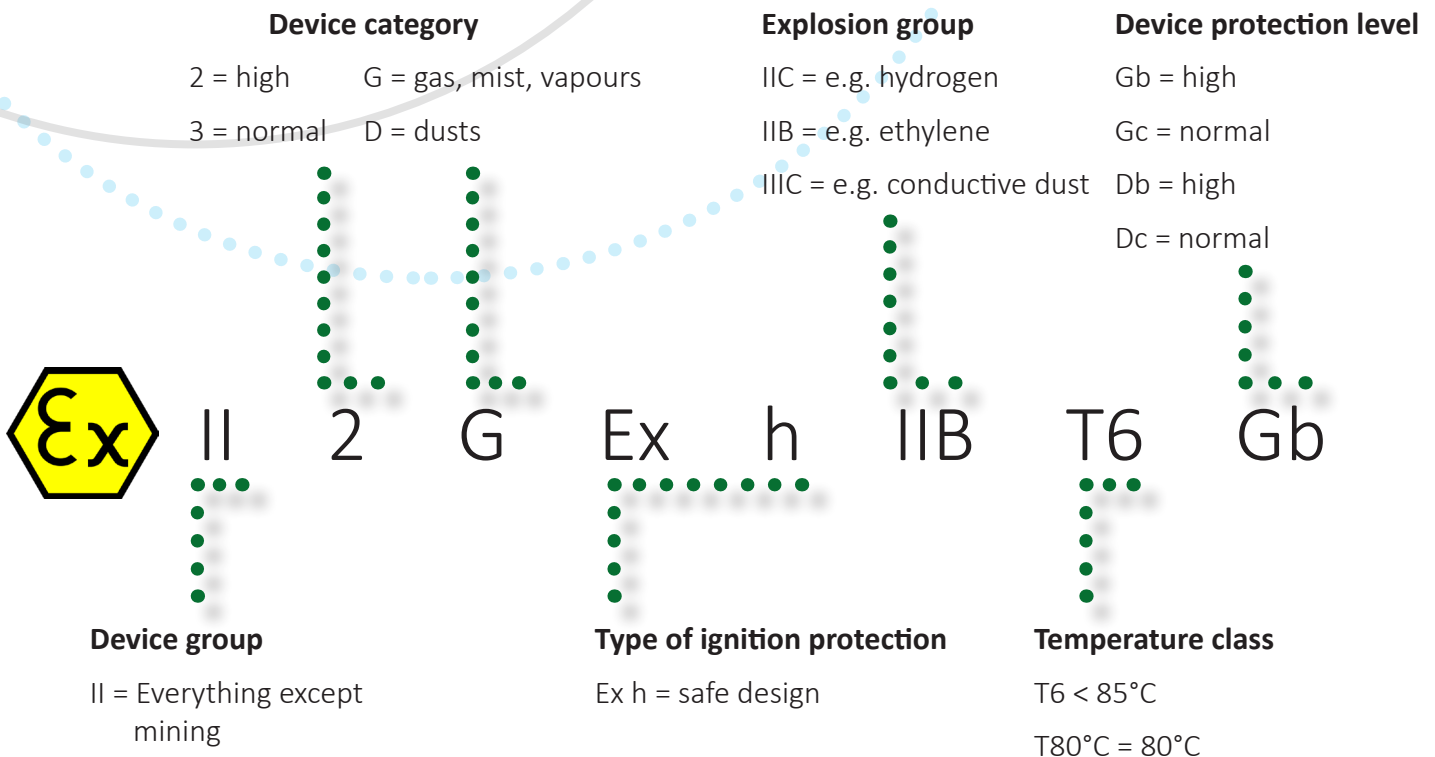# ATEX Product Directive 2014/34 EU

The ATEX product directive of the European Parliament for devices and protection systems for designated use in areas subject to explosion hazards has established the rules for the marketing of products used in areas subject to explosion hazards. The purpose of the directive is to protect people from explosion hazards.

SCHAKO offers an extensive supply programme of ATEX-certified products. A type examination of all products mentioned has been carried out by a notified body.

[Planning and legal certainty for planners and owners]

The ATEX marking code

Devices and protection systems for designated use in areas subject to explosion hazards-Directive 2014/34/EU

Device category

2 = high   G = gas, mist, vapours

3 = normal   D = dusts

Explosion group

IIC = e.g. hydrogen

IIB = e.g. ethylene

IIIC = e.g. conductive dust

Device protection level

Gb = high

Gc = normal

Db = high

Dc = normal

II   2   G   Ex   h   IIB   T6   Gb

Device group

II = Everything except mining

Type of ignition protection

Ex h = safe design

Temperature class

T6 < 85°C

T80°C = 80°C

Product group fire dampers

BKA-EN

BKP-EN

Marked according to ATEX:

$\langle Ex \rangle$ II 2G Ex h IIC T6 Gb

BSK-RPR

$\langle Ex \rangle$ II 2D Ex h IIIC T80° Db

available models:

- manually operated with mechanical fusible link release
- manually operated with mechanical fusible link release and ATEX limit switch
- electric explosion-protected spring return actuators
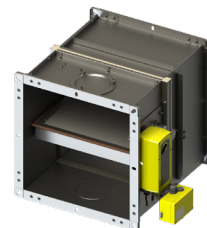
Product group flexible connection spigots

FS-Ex-RS

FS-Ex-RF

Marked according to ATEX:

$\langle Ex \rangle$ II 2G IIC T6

FS-Ex

$\langle Ex \rangle$ II 2D T80°C

Product group mineral wool silencers

MWK-OB

MWS-OB

Marked according to ATEX:

$\langle Ex \rangle$ II 2G Ex h IIB T6 Gb

MBK-MB

$\langle Ex \rangle$ II 2D Ex h IIIC T80°C Db

MBS-MB
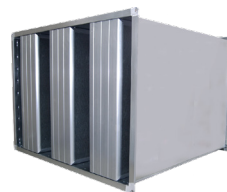
Product group duct silencers

RS-N

Marked according to ATEX:

$\langle Ex \rangle$ II 2G Ex h IIB T6 Gb

RS-M

$\langle Ex \rangle$ II 2D Ex h IIIC T80°C Db

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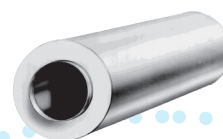
Product group ceiling diffusers

4DF

DQJ

IKA

PIL

Marked according to ATEX:

〈Ex〉 II 2G Ex h IIC T6 Gb

〈Ex〉 II 2D Ex h IIIC T80°C Db

available model:

- without motor adjustment
- with aluminium blades (DQJ)
- unvarnished, painted with RAL9010 colour or with DD coating

Product group ventilation grilles

IB-Q

IB-R

Marked according to ATEX:

〈Ex〉 II 2G Ex h IIC T6 Gb
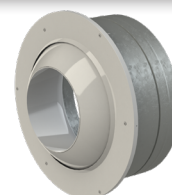
〈Ex〉 II 2D Ex h IIIC T80°C Db

Product group long range nozzles

WDAEX

Marked according to ATEX:

〈Ex〉 II 2G Ex h IIB Gb

〈Ex〉 II 2D Ex h IIIC Db

Product group filter boxes
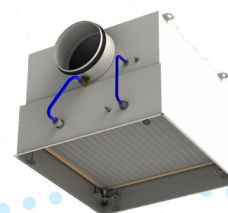
FKF-Ex

Marked according to ATEX:

〈Ex〉 II 2G Ex h IIB T6 Gb

〈Ex〉 II 2D Ex h IIIC T80°C Db

available models:

- without shut-off damper
- with manually operated shut-off damper

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Product group controlled volumetric flow controllers
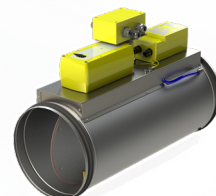
VREX

VQEX

VPEX

Marked according to ATEX:

⬡ II 2G Ex h IIC T6 Gb

⬡ II 2D Ex h IIIC T80° Db

- with ATEX-certified controllers and actuators

Product group mechanical volumetric flow controllers

VM-PRO-R-Ex

VM-PRO-Q-Ex

Marked according to ATEX:

⬡ II 2G Ex h IIC T6 Gb

⬡ II 2D Ex h IIIC T80°C Db

Product group dampers

DKEX

DPEX

Marked according to ATEX:

⬡ II 2G Ex h IIC T6 Gb

⬡ II 2D Ex h IIIC T80° Db

available models:

- with manually operated shut-off damper
- with manually operated shut-off damper and ATEX limit switch
- with ATEX-certified actuators

Product group multi-leaf dampers

HK

JK

Marked according to ATEX:

⬡ II 2G Ex h IIC T6 Gb

⬡ II 2D Ex h IIIC T80°C Db

available models

- stainless steel gear wheels
- with manually operated shut-off damper and ATEX limit switch
- with ATEX-certified actuators

Pure competence in air.

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[ATEX products]