



TÜV Rheinland Group

1st Supplement

acc. to directive 94/9/EC, Appendix III, No 6
to the Type Examination Certificate

TÜV 05 ATEX 7218 X

(Translation)



Equipment: Variable Volume Flow Control TVR-EX – TES/F and TVR-Ex-P5
shut-off flap AK-EX-TOS/F and shut-off flap AK-Ex-T5

Manufacturer: TROX GmbH

Address: Heinrich- Trox- Platz
47504 Neukirchen- Vluyn

Description of supplements and modifications

The name of the manufacturer has been changed from Trox GmbH to TROX GmbH.



The descriptive name of the variable volume flow control TVRX and shut-off flap AKX of the original certificate have been changed to TVR-Ex und AK-Ex.

The device combination TVR-Ex or AK-Ex in the electrical realisation are now suitable also for dust explosion protection. The pressure transmitter has been integrated in the enclosure of the shut-off flap (valid for the electrical design).

Additionally to the electrical variant there are pneumatic variants TVR-Ex-P5 and AK-Ex-T5 covered by this supplement.

This type-examination Certificate without signature and official stamp shall not be valid. The certificate may be circulated only without alteration. Extracts or alterations are subject to approval by TÜV-Cert-Zertifizierungsstelle of TÜV Rheinland Industrie Service GmbH
In case of dispute, the German text shall prevail

The marking is extended for the electrical model by the dust explosion protection

 II 2 G c II T5/T6 electrical variant: TVR-Ex –TES/F and AK-Ex – TOS/ F
 II 2 D c II T80 °C electrical variant: TVR-Ex –TES/F and AK-Ex – TOS/ F

The original marking has been changed for the new pneumatic variant by restricting the explosion group from II to IIB

 II 2 G c II B T5/T6 pneumatic variant: TVR-Ex –P5 und AK-Ex- T5

Technical Data

No change

Test report: 194/Ex 218.01/08

The attachments which are certified by withdrawn standards match still the state of the art.

Special Conditions for the safe use

None

Basic Safety and Health Requirements

Covered by afore mentioned standards

The Certificate TÜV 05 ATEX 7218 X must be observed.
The temperature class has to be marked according to the chosen temperature range.
The variable volume flow control or shut-off flap must be connected to the equipotential bonding. The connection has to be locked against to become loose.

The load current of the limit switch may not exceed 5 A.

TÜV-CERT-Zertifizierungsstelle für Explosionsschutz

Köln, den 12.06.08




Dipl.-Ing. Klaus Wettingfeld

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