

(1) **EU-Type-Examination Certificate**

(2) Equipment and protective systems intended for use in potentially explosive atmospheres, **Directive 2014/34/EU**



(3) **Certificate Number** TÜV CY 19 ATEX 0206207 X  
 (4) for the equipment: Diverter Valves  
 Type: EX\_\*\*\*\_\*\*\*  
 (5) of the manufacturer: COMAV S.r.l.  
 (6) Address: Via Statale, 337  
 44047 Terre del Reno loc. Dosso (FE) - Italy  
 Order number: 0206207  
 Date of issue: 2019-05-29

(7) The design of this equipment or protective system and any acceptable variation thereto are specified in the schedule to this EU-Type-Examination Certificate and the documents therein referred to.

(8) TÜV CYPRUS Ltd, notified body No. 2261 in accordance with Article 17 of the Council Directive of 2014/34/EU of February 26, 2014, certifies that this equipment or protective system has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment and protective systems intended for use in potentially explosive atmospheres given in Annex II to the Directive. The examination and test results are recorded in the confidential report No. 19 0206207.

(9) Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

**EN 1127:2011**

**EN ISO 80079-36:2016**

**EN ISO 80079-37:2016**

(10) If the sign "X" is placed after the certificate number, it indicates that the equipment or protective system is subject to special conditions for safe use specified in the schedule to this certificate.

(11) This EU-Type-Examination Certificate relates only to the design, examination and tests of the specified equipment in accordance to the Directive 2014/34/EU. Further requirements of the Directive apply to the manufacturing process and supply of this equipment which are not covered by this certificate.

(12) The marking of the equipment or protective system must include the following:



II 1/2D Ex h IIC T130°C Da/Db X  
or

II 1/3D Ex h IIC T130°C Da/Dc X  
or

II 1/-D Ex h IIC T130°C Da X

II -/2G Ex h IIB T4 Gb X

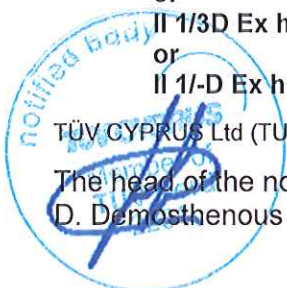
II 1/-D Ex h IIC T130°C Da X  
or

II -/3G Ex h IIB T4 Gc X

II 1/-D Ex h IIC T130°C Da X

TÜV CYPRUS Ltd (TUV NORD Group),

The head of the notified body,  
D. Demosthenous



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This certificate may only be reproduced without any change, schedule included.  
Excerpts or changes shall be allowed by the TÜV CYPRUS Ltd

(13) **SCHEDULE**

(14) **EU-Type-Examination Certificate No. TÜV CY 19 ATEX 0206207 X**

(15) Description of equipment

The drum diverter valves type DTS (static seal) or DTP (pneumatic seal) are employed to divert or convey the flow of different materials in the form of powder or granule (either inert or combustible) within pneumatic conveying lines.

The diverter valve type DTS differs from DTP type because the seal on the conveying line is assured keeping a fixed static pressure on the seal gaskets, sufficient to allow the switching of the valve.

Seal gaskets in diverters type DTP are pushed against the rotor only after the valve has switched. The pressure is higher and this allows for higher transport pressures without air leakages.

Therefore, the diverter type DTS ensures a tight conveying up to an average pressure of 0.6 bar, while the diverter type DTP ensures a tight conveying up to 4 bar.

The allowed combustible powders are classified ST1 with a minimum ignition energy MIE > 3 mJ. The diverter valve is not an isolating/deviating element for the propagation of the explosion.

Permissible range of ambient temperature: -20 °C to +40 °C.

Maximum product temperature: +80 °C

Maximum pneumatic transport temperature: +80 °C

Type code and technical data

The following variants are covered by this certificate:

Type	Size						
	80	100	120	150	180	220	260
EX DTS	x	x	x	x	-	-	-
EX DTP	x	x	x	x	x	x	x

Warnings

None.

(16) Test documents are listed in the test report No. 19 0206207

Refer to the instruction manual EX-DTS and EX-DTP.



(17) Special conditions for safe use

The layer of dust must not be thicker than 5 mm in the installation.

Instruction manual (use and maintenance) to avoid metallic foreign objects inside the valve.

The diverter valve must be operated with compressed air supply of 0.8 Barg for valve rotor and housing protection.

(18) Essential Health and Safety Requirements

This certificate covers only the Essential Health and Safety Requirements related to the Directive 2014/34/EU.