CONFLOW s.p.a.
Via Lecco 69/71
20864 AGRATE BRIANZA (MB) - ITALY

COMPANY WITH QUALITY SYSTEM CERTIFIED BY DNV GL = ISO 9001 =

CE

DICHIARAZIONE DI CONFORMITA' AI SENSI DELLA DIRETTIVA EUROPEA "ATEX" 2014/34/UE (Allegato VIII)

Declaration of conformity according to ATEX DIRECTIVE 2014/34/UE (Annex VIII)

A. **Descrizione / Description : Valvole Pneumatiche Serie VTop Tipo :**
Pneumatic Valves VTop seriesType :

TIPO-TYPE	**20VT RA-DA**
DN	15 - 100
TIPO-TYPE	**50VT RA-DA**
DN	15 - 200

Numero/i di matricola / Serial number/s : **Vari -** Various
riportato/i sulla targhetta identificatrice / marked on identification plate

B. **CLASSIFICAZIONE secondo Allegato I : Gruppo 2 Categoria II 2 GD**
CLASSIFICATION according ANNEX I : Group 2 Category II 2 GD

MARCATURA / MARKED **: Ex II 2 GD Exh IIB T6….T1 Gb**
Exh IIIC T6….T1 Db

T =	**T6**	**T5**	**T4**	**T3**	**T2**	**T1**
	85 °C	100 °C	135 °C	200 °C	300 °C	450 °C

TEMPERATURA AMBIENTE ATTUATORE
AMBIENT ACTUATOR TEMPERATURE

Membrana EPDM - EPDM Diaphragm	**Membrana VMQ60** - VMQ60 Diaphragm
-20 °C ≤ Ta ≤ + 70 °C	-50 °C ≤ Ta ≤ + 80 °C

C. **Procedure di valutazione di conformità utilizzata :**
Capo 1, Articolo 13, lettera b), lettera ii) ALLEGATO VIII – Modulo A
Conformity Assessment procedures followed :
Chapter 1, Article 13, section b), section ii) ANNEX VIII – Modul A

D. **Riferimenti a norme armonizzate applicate alla Serie : EN 80079-36 / EN 80079-37**
References to harmonized standards applied to the Series : EN 80079-36 / EN 80079-37

E. **Nome e Numero dell'ente che detiene il fascicolo tecnico N° VTOP/ATEX/ REV.00:**
Name and Number of Notified Body where is manteined the technical documentation N°VTOP/ATEX/ REV.00 :

CE **1370 – BUREAU VERITAS ITALIA S.p.A** – MILANO - ITALY
RICEVUTA NUMERO / RECEIPT NUMBER : **BVI/ATEX/ITA/19/104**

Per quanto esposto si dichiara che le valvole descritte al punto A, classificati secondo il punto B e verificati in accordo ai punti C,D,E soddisfano i requisiti essenziali di sicurezza previsti nell'allegato II della Direttiva 2014/34/UE e ad essa applicabili.

We declare that the equipments mentioned on above point A, classificated according to point B, valuated according to point C,D,E are conformed to the most essential safety requirements as required by Directive 2014/34/UE annex II.

Prendere visione del Manuale N°M/VTOP-P/I/E che contiene tutte le prescrizioni in ambito ATEX
Take a look at the N ° M / VTOP-P/I/E Manual which contains all the ATEX prescriptions

CONFLOW s.p.a.
Firma del Costruttore – Manufacturer Signature
Roberto Lazzari – Technical Manager

Date of Issue / Data di rilascio
16/12/2019

ZERTIFIKAT ◆ CERTIFICATE ◆ 認證證書 ◆ СЕРТИФИКАТ ◆ CERTIFICADO ◆ CERTIFICAT

(1) EU-Type Examination Certificate

TRANSLATION

Product Service

(2) Equipment and Protective Systems Intended for Use in Potentially Explosive Atmospheres – **Directive 2014/34/EU**

(3) Number of Certificate of EU-Type Examination:

TPS 22 ATEX 110398 0002 X Issue 00

(4) Equipment: Actuator
Type: PSF-**0*.*-*-EX

(5) Manufacturer: PS Automation GmbH

(6) Address: Philipp-Krämer-Ring 13, 67098 Bad Dürkheim, Germany

(7) This equipment and any acceptable variation thereto are specified in the schedule to this certificate and the documents therein referred to.

(8) TÜV SÜD Product Service GmbH, notified body No. 0123 in accordance with Article 17 of the Council Directive 2014/34/EU of the European Parliament and of the Council dated 26 February 2014, certifies that this equipment 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 of the Directive.
The examination and test results are recorded in the confidential report 713251867.

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

EN IEC 60079-0:2018
EN 60079-1:2014
EN IEC 60079-7:2015/A1:2018
EN 60079-31:2014

(10) If the sign “X“ is placed after the certificate number, it indicates that the equipment 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 and the construction of the specified equipment in accordance with Directive 2014/34/EU. Further requirements of this Directive apply to the manufacturer and supply of this equipment.

(12) The marking of the equipment shall include the following:

II 2G Ex db eb IIC T4 Gb or
II 2G Ex db eb IIC T6 Gb or
II 2D Ex tb IIIC T80 °C Db or
II 2D Ex tb IIIC T100 °C Db

Certification body Explosion Protection
Ridlerstraße 65, 80339 Munich

Munich, 03.06.2022

.....
Ulrich Jacobs

EU-Type Examination Certificate without signature shall not be valid. The certificates may be circulated only without alteration. Extracts or alterations are subject to approval by TÜV SÜD Product Service GmbH.
In case of dispute, the German text shall prevail.
The document is internally administrated under the following number: E5XA 110398 Rev. 00

TÜV SÜD Product Service GmbH • Certification Body • Ridlerstrasse 65 • 80339 Munich • Germany

ZERTIFIKAT ◆ CERTIFICATE ◆ 認證證書 ◆ СЕРТИФИКАТ ◆ CERTIFICADO ◆ CERTIFICAT

Product Service

(13) **Schedule**

(14) **EU-Type Examination Certificate TPS 22 ATEX 110398 0002 X** Issue 00

(15) Description of equipment:

The actuator type PSF-**0*.*-*-EX is used to operate valves and are designed in the types of protection Flameproof Enclosure "d" and Increased Safety “e” or in the type of protection Protection by Enclosure “t”. The enclosure is closed with lids. At one side are threads has been mounted to accommodate separately certified cable glands.

Technical Data:

Electrical parameters

Rated voltage	≤ 230 V AC (± 10 %) or ≤ 24 V DC (± 10 %)
Nominal power	≤ 10.1 W

Assignment of ambient temperature and temperature class / surface temperature:

Ambient temperature range	Temperature class (gas)	Permitted surface-temperature (dust)
-10 °C ≤ T_a ≤ 40 °C	T6	T80 °C
-10 °C ≤ T_a ≤ 60 °C	T4	T100 °C

TABLE 1

(16) Test report: 713251867

(17) Special conditions for safe use:

To avoid critical electrostatic charges, the equipment must:

- not be installed in the ambient of highly charge-generating processes
- only be cleaned with a damp or antistatic cloth.

The lengths of the flameproof joints are in parts longer and the gaps of the flameproof joints are in parts smaller than the values of table 3 for IIC of EN 60079-1:2014. For information about the dimensions of the flameproof joints contact the manufacturer.

The fasteners of parts of the flameproof enclosure shall have a yield stress of at least 640 N/mm².

(18) Essential health and safety requirements:

met by standards

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