



(1) **Conformity Statement**

- (2) Equipment or protective system intended for use in potentially explosive atmospheres - **Directive 2014/34/EU**
- (3) Certificate number: **SEV 13 ATEX 0105 X**
- (4) Product: Valves  
Type See page 2
- (5) Manufacturer: SITEC-Sieber Engineering AG
- (6) Address: Aschbach 7, 8124 Maur, Switzerland
- (7) This product and any acceptable variation thereto are specified in the schedule to this certificate and the documents therein referred to.
- (8) Eurofins certifies that this product 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 Directive 2014/34/EU of the European parliament and of the Council, dated 26 February 2014.  
The examination and test results are recorded in confidential report no. 19-Ex-0098.X02
- (9) Compliance with the essential health and safety requirements has been assured by compliance with:  
**EN ISO 80079-36:2016**  
**EN ISO 80079-37:2016**
- Except in respect of those requirements listed at item 18 of the schedule.
- (10) If the sign «X» is placed after the certificate number, it indicates that the product is subjected to special conditions for safe use specified in the schedule to this certificate. The sign «U» is placed after the certificate number. It indicates that this certificate must not be mistaken for a certificate intended for an equipment or protective system. This partial certification may be used as a basis for certification of an equipment or protective system.
- (11) This Conformity Statement relates only to the design and construction of the specified product and not to specific items of product subsequently manufactured.
- (12) The marking of the product shall include the following:



**II 2 G Ex h IIC T6 ... T1 Gb**

**Eurofins Electric & Electronic Product Testing AG**  
**Notified Body ATEX**

Martin Plüss  
Product Certification

(13)

## Appendix

(14)

Conformity Statement no. SEV 13 ATEX 0105 X

(15) **Description of product Types**

Product line	Description
920.1XX9-X-X and 925.1XX9-X-X and 929.1XX9-X-X	rotary ring type
920.4XXX-X and 920.8XXX-X and 925.4XXX-X and 925.8XXX-X and 929.4XXX-X	flap valves
920.5XX1-X and 929.5XX1-X	Safety valves
929.40XX-X	Overflow valves

- The rotary rings 920.1xx9-x are used for the safe transfer of liquids and gases to rotating or moving devices.
- The flap valves 920.4xxx-x and 920.8xxx-x are used to control the direction of flow of liquids and gases in order to prevent the medium from flowing back into measurement and process applications. It is recommended to use the non-return valve 920.8xxx-x with a soft seat up to 1000 bar.
- Safety valves 920.5xx1-x serve as adjustable overpressure protection against unforeseen pressure increases in high pressure systems.
- Overflow valves 929.4xxx-x are used for adjustable pressure limitation in high pressure systems with widely varying consumption.

Ratings: up to 10'000 bar  
 Classification of installation and use: stationary  
 Ingress protection: ---  
 Rated ambient temperature range (°C): -20 °C to +80 °C

(16) **Special conditions for safe use:**

- For the relationships between ambient temperatures, mean temperatures, and temperature classes, look at the table below.
- The maximum permissible pressure range of the medium is specified in accordance with the type key and the specification / information in the drawing of the rotary joint used or the non-return valve or the valves used and must not be exceeded.
- Do not exceed the axial load of 5000 N which act to the axial roller bearing. The maximum traction at the rotary ring type is 5 N.
- Swivel joints: The maximum swivel range of 360 ° must be observed, while a speed of 50min<sup>-1</sup> must not be exceeded. A continuous rotation of 360 ° and more should be avoided.

(17) **Essential health and safety requirements**

In addition to the essential health and safety requirements (EHSRs) covered by the standards listed at item 9, the following are considered relevant to this product, and conformity is demonstrated in the report:

Clause	Subject
None	

(18) **Drawings and documents**

Number	Sheet	Issue date	Description
See Test Report "Manufacturer's Documents"			

Relations between ambient temperatures, medium temperatures and temperature classes:

Temperature class	T6	T5	T4	T3	T2	T1
Ambient temperature [°C]	-20 ... +70	-20 ... +70	-20 ... +70	-20 ... +70	-20 ... +70	-20 ... +70
Medium temperature [°C]	-20 ... +70	-20 ... +85	-20 ... +120	-20 ... +195	-20 ... +200	-20 ... +200
Additional product type information						
Manufacturing parts (packing/sealing ring)	F3 ... F24	F3 ... F19 F21 ... F24	F3 ... F14 F16 ... F19 F21, F23	F3 ... F14 F17, F19 F21, F23	F3 ... F14 F17, F19 F21, F23	F3 ... F14 F17, F19 F21, F23
Lip seals	L1 L2 ... L4	L1 L2 ... L4	L2 ... L4	L2 ... L4	L2 ... L4	L2 ... L4
O-rings	O1 ... O16	O1 ... O16	O1T ... O16	O2 ... O3 O6 – O14 O16	O2 ... O3 O6 – O14 O16	O2 ... O3 O6 – O14 O16