



(1) Conformity Statement

(2) Equipment or protective system intended for use in potentially explosive atmospheres - Directive 2014/34/EU

(3) Certificate number: SEV 12 ATEX 0113 X

(4) Product: High-pressure valves

Type 910.xxxx-x, 915.xxxx.x, 810.xxxx-x, 919.xxxx-x

(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. 20CH-00066.X04
- (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:

 $\langle \epsilon_x \rangle$ 

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

Eurofins Electric & Electronic Product Testing AG
Notified Body ATEX

Martin Plüss Product Certification

e: 3 Page 1 of 4

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Fehraltorf, 2020-05-29

Issue: 3



(13) Appendix

(14) Conformity Statement no. SEV 12 ATEX 0113 X

### (15) Description of product

The high pressure valves type 910.xxxx-x, 915.xxxx.x, 810.xxxx-x and 919.xxxx-x serve for reliable and safe isolation of pipes and pressure vessels. The type series 910.xxxx-x, 915.xxxx.x, 810.xxxx-x and 919.xxxx-x can be operated manually, pneumatically and hydraulically.

Ratings:

Specified pressure range: up to 10'000 bar

Temperature range of medium: According to specification/values in drawing

Classification of installation and use: stationary

Ingress protection: ---

Rated ambient temperature range (°C): -20 °C to +70 °C

#### (16) Specific conditions of use

- The permitted ambient temperature is -20 °C to +70 °C
- The maximum permissible pressure and temperature range of the medium is as stated in the specification/values in the drawing of the respectively used valve and must not be exceeded.



www.eurofins.ch Fehraltorf, 2020-05-29 Issue: 3



# Type key:

туре кеу.				AAA.xx	XXX-X
Basic number AAA	910. 915. 810. 919.				
Pressure stage: X (1. Pos.)	0 1 2 3	300 bar 700 bar 1000 bar	4 5 6 7	2000 bar 4000 bar 7000 bar 10000 bar	
Tubing-Ø: X (2. Pos.)	0 1 2 3 4	1/8 HP 9/16 HP 3/8 HP 1/4 HP 1/2" NPT	5 6 7 8 9	3/8" PT 1/4" NPT 9/16 AE (1 1/8" -12 UNF) 3/8 AE (3/4"-16 UNF) 1/4 AE (9/16 "-18 UNF	
Valve model: X (3. Pos.)	0 1 2 3 4	Type 1 Type 2 Type 3 Type 4	5 6 7 8 9	Type 5 Type 6 Pressure counterbalanced Special design	
Type of drive: X (4. Pos.)	0 1 2 3 4 3-4	Shut-off valve (hand) Regulating valve (hand) Micrometering valve (hand) Air-operated valve NO Air-operated valve NC Air-operated valve NC-NO	5 6 7 8 9	High temperature valve Control valve Motor driven valve Hydraulic-operated valve NO Hydraulic-operated valve NC	
Index: X (5. Pos.)	-D -Q -LD -NPT -EK -2	Double piston  Quatro-piston Lip seal Connection z.B. 1/4"NPT Switch (Position indicator) Body reduction	-T -TT -H2 -O2 -G -1	Triple piston Low temperature Hydrogen compatible Oxygen compatible Connection, e.g. G1/4" Reinforced interchangeable seat 2500 bar	
	-4bar	Control air pressure 4 bar	+25	Extended drive stem	<del>                                     </del>
	-HC276 -HC	Insert made of Hastelloy C276 Insert made of Hastelloy C4	-HC22 -HB2/3	Insert made of Hastelloy C22 Insert made if Hastelloy B2 or B3	
	-Mo4 -5	Insert made of Monel 400 Hightemp. extension	-Ti5 -d1.6	Insert made of Titan Grade 5 Orifice 1.6 mm	
	- 9	Reduced drive stern	-A	Outdoor application	
	НМ	Heating jacket	KM	Cooling jacket	



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Issue: 3

page 3 of 4



Example

Type 919.0032-LD =

Type

919. 0 ---

Pressure stage: Tubing-Ø:

0 1/8 HP

Valve model:

3 Type 3

Type of drive:

2 Mircometering valve

Index:

-LD Lip seal

## Temperature class explanation:

See at special conditions of safe use.

### (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

Issue: 3

See Test Report "Manufacturer's Documents"

