


EU - Type Examination Certificate

- (1)
- (2) Equipment and protective systems intended for use in potentially explosive atmospheres – Directive 2014/34/EU
- (3) EU - Type Examination Certificate Number
- EPS 18 ATEX 1 098** **Revision 0**
- (4) Equipment: **Explosion-proof solenoid coils type 2F86 ...**
- (5) Manufacturer: **Eugen Seitz AG**
- (6) Address: **Spitalstrasse 204
8623 Wetzikon
Schweiz**
- (7) This equipment and any acceptable variation thereto are specified in the annex to this certificate and the documentation therein referred to.
- (8) Bureau Veritas Consumer Products Services Germany GmbH, notified body No. 2004 in accordance with Article 21 given in the Directive 2014/34/EU of the European Parliament and of the Council of 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 documentation under the reference number 18TH0291.
- (9) Compliance with the essential health and safety requirements has been assured by compliance with:
- EN 60079-0:2012+A11:2013** **EN 60079-18:2015/A1:2017**
- FprEN 60079-0:2018 (IEC 60079-0:2017)**
- (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 annex to this certificate.
- (11) This EU - Type Examination Certificate relates only to the design and examination of the specified equipment in accordance with Directive 2014/34/EU. Further requirements of this Directive apply to the manufacture of this equipment and its placing on the market. Those requirements are not covered by this certificate.
- (12) The marking of the equipment shall include the following:

 II 2G Ex mb IIC 150°C (T3) Gb



Nuremberg, 2018-09-05

(13)

Annex

(14) **EU - Type Examination Certificate EPS 18 ATEX 1 098**

Revision 0

(15) Description of equipment:

Explosion-proof solenoid coil for use with solenoids functional part armature tube and valve for operation in potentially explosive atmospheres by gas, zone 1 / EPL Gb.

Ambient temperature range: -50°C to +85°C

IP protection: IP65/67

Electrical data:

24 V ... 230 V $\pm 15\%$
max. 18,4 W

(16) Reference number: 18TH0291

(17) Special conditions for safe use:

A fuse corresponding to the device's rating current (max. $3 \times I_N$ or, resp. I_B , according to IEC/EN 60127-2) or, respectively, a motor protective switch with short circuit and thermal rapid release (corresponding to the rating current) has to be connected in series to each solenoid coil.

(18) Essential health and safety requirements:

Met by compliance with standards.

Certification department of explosion protection

Nuremberg, 2018-09-05



H. Schaffer