

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

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

(3) EU - Type Examination Certificate Number

EPS 16 ATEX 1 001

Revision 1

(4) Equipment: Solenoid Type 2004

(5) Manufacturer: IMI International s.r.o.

(6) Address: CTP Evropská 852
664 42 Modřice
Czech Republic

(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 15TH0339.

(9) Compliance with the essential health and safety requirements has been assured by compliance with:


EN IEC 60079-0:2018


EN 60079-11:2012

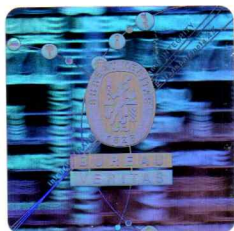
(10) If the sign "X" is placed after the certificate number, it indicates that the equipment is subject to special conditions for safe use specified in the annex to this certificate.

(11) This EU - Type Examination Certificate relates only to the design and construction 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 ia IIC T5/T6 Gb

 II 2D Ex ia IIIC T95°C Db



Certification department of explosion protection

Tuerkheim, 2022-11-08



Ulrich Felke

Certificates without signature and seal are void. This certificate is allowed to be distributed only if not modified. Extracts or modifications must be authorized by Bureau Veritas Consumer Products Services Germany GmbH.

(13)

Annex

(14) **EU - Type Examination Certificate EPS 16 ATEX 1 001**

Revision 1

(15) Description of equipment:

The intrinsically safe solenoid type 2004 is used to actuate directly controlled valves. For use in hazardous areas the solenoid shall be operated via an approved intrinsically safe supply.

Electrical data:

U_i = 28 V
I_i = 110 mA
P_i = 1.5 W

Maximum ambient temperature range:

II 2G Ex ia IIC T5 Gb: -40 °C to +70 °C
II 2G Ex ia IIC T6 Gb: -40 °C to +55 °C
II 2D Ex ia IIIC T95°C Db: -40 °C to +70 °C

(16) Reference number: 15TH0339

(17) Special conditions for safe use:

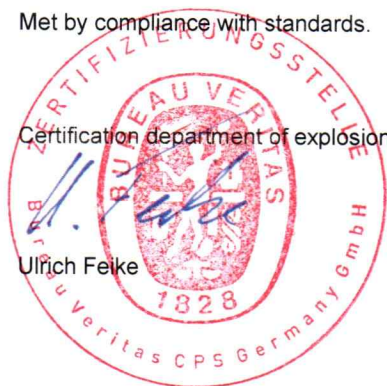
None.

(18) Essential health and safety requirements:

Met by compliance with standards.

Certification department of explosion protection

Tuerkheim, 2022-11-08



Ulrich Feike