CERTIFIED
ABD 100028185 DE Version: A Status: RL (released | freigegeben) printed: 29.07.2026

(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 15 ATEX 1 073 X** **Revision 1**

(4) Equipment: Solenoid coil type 072x

(5) Manufacturer: Bürkert Werke GmbH & Co. KG

(6) Address: Christian-Bürkert-Straße 13-17
74653 Ingelfingen
Germany

(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 15TH0310.

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

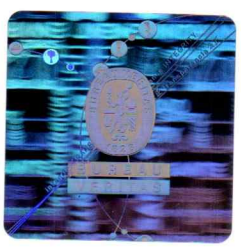
**EN IEC 60079-0:2018** **EN 60079-18:2015/A1:2017**

(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 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 mb IIC T4 Gb
II 2D Ex mb IIIC T130°C Db



Certification department of explosion protection

Ulrich Feike

Tuerkheim, 2022-09-13

ZERTIFIZIERUNGSSTELLE BUREAU VERITAS 1828 Bureau Veritas CPS Germany GmbH

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.

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(13) # Annex

(14) **EU - Type Examination Certificate EPS 15 ATEX 1 073 X** **Revision 1**

(15) Description of equipment:

The solenoid coil type 072x is used for actuating valves that control gaseous or liquid media. The coil is either encapsulated with the core guide tube of the valve or it is mounted on the core guide tube of the valve and fastened by means of a nut. A closed system is always created and the devices may also be used in fuel pumps to control gasoline as Category 2 devices. The valve bodies can be optionally made of metal or polyamide. When using the type 072x solenoid coil in fuel pumps to control gasoline as a Category 2 device, the material of the valve body must be made of metal. The coil is mounted on the core guide tube and may only be dismantled by the manufacturer.

The solenoid coil is equipped with a permanently connected connection cable.

Description of modification with revision 1

Actualization of standards, Modification of the internal connection PCB.

Electrical data:

| | | | | | |
|---|---|---|---|---|---|
| Rated voltage: | 24V | or | 100/110 V | or | 230/240 V AC or DC - 0 Hz to 60 Hz ±10% |
| Rated Current: | 0.625 A | or | 0.157 A | or | 0.072 A |
| Rated Power: | 15 W | | | | |

Permitted ambient temperature range: -40 °C ≤Ta ≤ +40 °C

(16) Reference number: 15TH0310

(17) Special conditions for safe use:

1. The device shall never be used in areas affected by strong charge-generating processes, mechanical friction and separation processes, electron emission (e.g. in the vicinity of electrostatic coating equipment), and pneumatically conveyed dust. For cleaning the surface of housing only antistatic- or damp- clothes are allowed. By installing of cable, the bending radius must be observed.
2. A fuse (max. 3 * $I_{rat}$ in accordance with IEC 60127-2-1) corresponding to the rated current or a motor protecting switch with short circuit and thermal instantaneous tripping (set to rated current) shall be connected in series to each solenoid to protect against short circuits. This fuse shall be connected in series separately. The rated fuse voltage shall be the same as, or higher than the specified nominal voltage of the solenoid. The interruption rating of the fuse link shall be the same as, or higher than the maximum short circuit current to be accepted at the installation site (usually 1500 A).
3. If the device may be used in gas stations for the control of gasoline as category 2 devices, the valve bodies shall be made of metal. The coil is mounted on the core guide tube and may only be dismantled by the manufacturer. The valves are always a closed system

(18) Essential health and safety requirements:

Met by compliance with standards.

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