



**BUREAU
VERITAS**



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 16 ATEX 1 121 X

Revision 0

(4) Equipment: Solenoid type 06xx

(5) Manufacturer: Bürkert Werke GmbH

(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 16TH0171.

(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

(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 T4...T5 Gb

 II 2D Ex mb IIIC T130°C Db

Certification department of explosion protection

Nuremberg, 2016-10-11



D. Zitzmann

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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. EPS 16 ATEX 1 121 X, Revision 0.



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Annex

(13)

(14) **EU - Type Examination Certificate EPS 16 ATEX 1 121 X**

Revision 0

(15) Description of equipment:

The solenoid valve type 06xx is used for actuating valves that control gaseous or liquid media. The coil is potted with the core guide tube of the valve. There is always a closed system and the devices may also be used in gas stations for the control gasoline as category 2 devices. The valve bodies can be optionally made of metal or polyamide.

The solenoid valve type may also be used in group mounting application. The maximum ambient temperature is reduced then, see electrical data.

Electrical data:

Type designation	Power	Ambient temperature	Temperature class	Group mounting
064...	7 W	-40 °C ... +60 °C	T4	no
064...	7 W	-40 °C ... +45 °C	T4	yes
065...	5 W	-40 °C ... +50 °C	T5	no
065...	5 W	-40 °C ... +40 °C	T5	yes

(16) Reference number: 16TH0171

(17) Special conditions for safe use:

The device shall never be used in areas affected by charge-generating processes, mechanical friction and separation processes, electron emission (e.g. in the vicinity of electrostatic coating equipment), and pneumatically conveyed dust.

(18) Essential health and safety requirements:

Met by compliance with standards.

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