



(1) EC-TYPE-EXAMINATION CERTIFICATE (Translation)

(2) Equipment and Protective Systems Intended for Use in
Potentially Explosive Atmospheres - **Directive 94/9/EC**

(3) EC-type-examination Certificate Number:

PTB 00 ATEX 2129 X



(4) Equipment: Magnet coil AC10
(5) Manufacturer: Bürkert Werke GmbH & Co.
(6) Address: Christian-Bürkert-Straße 13-17
D-74653 Ingelfingen

(7) This equipment and any acceptable variation thereto are specified in the schedule to this certificate and the documents therein referred to.

(8) The Physikalisch-Technische Bundesanstalt, notified body No. 0102 in accordance with Article 9 of the Council Directive 94/9/EC of 23 March 1994, 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 to the Directive.

The examination and test results are recorded in the confidential report PTB Ex 00-20165.

(9) Compliance with the Essential Health and Safety Requirements has been assured by compliance with:
EN 50014:1997 **EN 50019: 1994** **EN 50028:1987**

(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 schedule to this certificate.

(11) This EC-type-examination Certificate relates only to the design, examination and tests of the specified equipment in accordance to the Directive 94/9/EC. Further requirements of the Directive apply to the manufacturing process and supply of this equipment. These are not covered by this certificate.

(12) The marking of the equipment shall include the following:

II 2 G EEx m II T4,T5,T6 resp. II 2G EEx em II T4, T5 and T6

Zertifizierungsstelle Explosionsschutz
By order:

Braunschweig, August 16, 2000

(signature)

Dr.-Ing. U. Johannsmeyer
Regierungsdirektor

SCHEDULE

(13)

(14) **EC-TYPE-EXAMINATION CERTIFICATE PTB 00 ATEX 2129 X**

(15) Description of equipment

The magnet coil, AC10 is used to activate valves which control non-flammable, gaseous or liquid media. The magnet coil is always mounted on the guide tube of the iron core and fixed by means of a nut. This forms a complete system and the equipment may also be used as category-2-apparatus in petrol pumps for the control of petrol.

Electrical data

Type designation	AC10 - .. - 5 - PD47
Type of current	universal current
Rated voltage	12 V ... 400 V
Rated current	0.68 A ... 0.02 A
Limit power	7 W
Max. permissible ambient temperature	-30 °C ... +60 °C
Temperature class	T4
Frequency	0 Hz ... 60 Hz
Single mounting	yes
Type designation	AC10 - .. - 5 - PD48
Type of current	universal current
Rated voltage	12 V ... 400 V
Rated current	0.33 A ... 0.01 A
Limit power	4 W
Max. permissible ambient temperature	-30 °C ... +50 °C
Temperature class	T5
Frequency	0 Hz ... 60 Hz
Single mounting	yes
Type designation	AC10 - .. - 5 - PD49
Type of current	universal current
Rated voltage	12 V ... 400 V
Rated current	0.25 A ... 0.007 A
Limit power	3 W
Max. permissible ambient temperature	-30 °C ... +60 °C
Temperature class	T5
Frequency	0 Hz ... 60 Hz
Single mounting	yes

SCHEDULE TO EC-TYPE-EXAMINATION CERTIFICATE PTB 00 ATEX 2129 X

Type designation	AC10 - ... - 5 - PD50
Type of current	universal current
Rated voltage	12 V ... 400 V
Rated current	0.25 A ... 0.007 A
Limit power	3 W
Max. permissible ambient temperature	-30 °C ... +40 °C
Temperature class	T6
Frequency	0 Hz ... 60 Hz
Single mounting	yes

Type designation	AC10 - ... - 5 - PD51
Type of current	universal current
Rated voltage	12 V ... 400 V
Rated current	0.19 A ... 0.005 A
Limit power	2.25 W
Max. permissible ambient temperature	-30 °C ... +50 °C
Temperature class	T6
Frequency	0 Hz ... 60 Hz
Single mounting	yes

Type designation	AC10 - ... - 5 - PD52
Type of current	universal current
Rated voltage	12 V ... 400 V
Rated current	0.114 A ... 0.003 A
Limit power	1.25 W
Max. permissible ambient temperature	-30 °C ... +60 °C
Temperature class	T6
Frequency	0 Hz ... 60 Hz
Single mounting	yes

Type designation	AC10 - ... - 6 - PD53
Type of current	universal current
Rated voltage	12 V ... 400 V
Rated current	0.8 A ... 0.02 A
Limit power	9 W
Max. permissible ambient temperature	-30 °C ... +60 °C
Temperature class	T4
Frequency	0 Hz ... 60 Hz
Single mounting	yes

Type designation	AC10 - ... - 6 - PD54
Type of current	universal current
Rated voltage	12 V ... 400 V
Rated current	0.31 A ... 0.009 A
Limit power	3,5 W
Max. permissible ambient temperature	-30 °C ... +60 °C
Temperature class	T5
Frequency	0 Hz ... 60 Hz
Single mounting	yes

SCHEDULE TO EC-TYPE-EXAMINATION CERTIFICATE PTB 00 ATEX 2129 X

Type designation	AC10 - ... - 6 - PD55
Type of current	universal current
Rated voltage	12 V ... 400 V
Rated current	0.16 A ... 0.005 A
Limit power	1.8 W
Max. permissible ambient temperature	-30 °C ... +60 °C
Temperature class	T6
Frequency	0 Hz ... 60 Hz
Single mounting	yes
Type designation	AC10 - ... - 4 - PD56
Type of current	universal current
Rated voltage	12 V ... 400 V
Rated current	0.35 A ... 0.01 A
Limit power	4 W
Max. permissible ambient temperature	-30 °C ... +50 °C
Temperature class	T5
Frequency	0 Hz ... 60 Hz
Single mounting	yes
Type designation	AC10 - ... - 4 - PD57
Type of current	universal current
Rated voltage	12 V ... 400 V
Rated current	0.25 A ... 0.007 A
Limit power	3 W
Max. permissible ambient temperature	-30 °C ... +60 °C
Temperature class	T5
Frequency	0 Hz ... 60 Hz
Single mounting	yes
Type designation	AC10 - ... - 4 - PD59
Type of current	universal current
Rated voltage	12 V ... 400 V
Rated current	0.13 A ... 0.003 A
Limit power	1.5 W
Max. permissible ambient temperature	-30 °C ... +60 °C
Temperature class	T6
Frequency	0 Hz ... 60 Hz
Single mounting	yes
Type designation	AC10 - ... - 5 - PD60
Type of current	universal current
Rated voltage	12 V ... 400 V
Rated current	0.68 A ... 0.02 A
Limit power	7 W
Max. permissible ambient temperature	-40 °C ... +60 °C
Temperature class	T4
Frequency	0 Hz ... 60 Hz
Single mounting	yes

Type designation	AC10 - .. - 5 - PD61
Type of current	universal current
Rated voltage	12 V ... 400 V
Rated current	0.33 A ... 0.01 A
Limit power	4 W
Max. permissible ambient temperature	-40 °C ... +50 °C
Temperature class	T5
Frequency	0 Hz ... 60 Hz
Single mounting	yes
Type designation	AC10 - .. - 5 - PD62
Type of current	universal current
Rated voltage	12 V ... 400 V
Rated current	0.25 A ... 0.007 A
Limit power	3 W
Max. permissible ambient temperature	-40 °C ... +60 °C
Temperature class	T5
Frequency	0 Hz ... 60 Hz
Single mounting	yes
Type designation	AC10 - .. - 5 - PD63
Type of current	universal current
Rated voltage	12 V ... 400 V
Rated current	0.25 A ... 0.007 A
Limit power	3 W
Max. permissible ambient temperature	-40 °C ... +40 °C
Temperature class	T6
Frequency	0 Hz ... 60 Hz
Single mounting	yes
Type designation	AC10 - .. - 5 - PD64
Type of current	universal current
Rated voltage	12 V ... 400 V
Rated current	0.19 A ... 0.005 A
Limit power	2.25 W
Max. permissible ambient temperature	-40 °C ... +50 °C
Temperature class	T6
Frequency	0 Hz ... 60 Hz
Single mounting	yes
Type designation	AC10 - .. - 5 - PD65
Type of current	universal current
Rated voltage	12 V ... 400 V
Rated current	0.114 A ... 0.003 A
Limit power	1.25 W
Max. permissible ambient temperature	-40 °C ... +60 °C
Temperature class	T6
Frequency	0 Hz ... 60 Hz
Single mounting	yes

Type designation	AC10 - .. - 6 - PD66
Type of current	universal current
Rated voltage	12 V ... 400 V
Rated current	0.8 A ... 0.02 A
Limit power	9 W
Max. permissible ambient temperature	-40 °C ... +60 °C
Temperature class	T4
Frequency	0 Hz ... 60 Hz
Single mounting	yes
Type designation	AC10 - .. - 6 - PD67
Type of current	universal current
Rated voltage	12 V ... 400 V
Rated current	0.31 A ... 0.009 A
Limit power	3.5 W
Max. permissible ambient temperature	-40 °C ... +60 °C
Temperature class	T5
Frequency	0 Hz ... 60 Hz
Single mounting	yes
Type designation	AC10 - .. - 6 - PD68
Type of current	universal current
Rated voltage	12 V ... 400 V
Rated current	0.16 A ... 0.005 A
Limit power	1.8 W
Max. permissible ambient temperature	-40 °C ... +60 °C
Temperature class	T6
Frequency	0 Hz ... 60 Hz
Single mounting	yes
Type designation	AC10 - .. - 4 - PD69
Type of current	universal current
Rated voltage	12 V ... 400 V
Rated current	0.35 A ... 0.01 A
Limit power	4 W
Max. permissible ambient temperature	-40 °C ... +50 °C
Temperature class	T5
Frequency	0 Hz ... 60 Hz
Single mounting	yes
Type designation	AC10 - .. - 4 - PD70
Type of current	universal current
Rated voltage	12 V ... 400 V
Rated current	0.25 A ... 0.007 A
Limit power	3 W
Max. permissible ambient temperature	-40 °C ... +60 °C
Temperature class	T5
Frequency	0 Hz ... 60 Hz
Single mounting	yes

Type designation	AC10 - ... - 4 - PD72
Type of current	universal current
Rated voltage	12 V ... 400 V
Rated current	0.13 A ... 0.003 A
Limit power	1.5 W
Max. permissible ambient temperature	-40 °C ... +60 °C
Temperature class	T6
Frequency	0 Hz ... 60 Hz
Single mounting	yes
Type designation	AC10 - ... - 5 - PD73
Type of current	universal current
Rated voltage	12 V ... 400 V
Rated current	0.68 A ... 0.02 A
Limit power	7 W
Max. permissible ambient temperature	-30 °C ... +40 °C
Temperature class	T4
Frequency	0 Hz ... 60 Hz
Dimensions of valve body	32 mm * 32 mm * 10 mm
Material of valve body	MS or plastic (PA 6 GV)
Min. distance wall to wall for butt-mounting	1 mm
Type designation	AC10 - ... - 5 - PD74
Type of current	universal current
Rated voltage	12 V ... 400 V
Rated current	0.25 A ... 0.007 A
Limit power	3 W
Max. permissible ambient temperature	-30 °C ... +50 °C
Temperature class	T5
Frequency	0 Hz ... 60 Hz
Dimensions of valve body	32 mm * 32 mm * 10 mm
Material of valve body	MS or plastic (PA 6 GV)
Min. distance wall to wall for butt-mounting	1 mm
Type designation	AC10 - ... - 5 - PD75
Type of current	universal current
Rated voltage	12 V ... 400 V
Rated current	0.19 A ... 0.005 A
Limit power	2.25 W
Max. permissible ambient temperature	-30 °C ... +40 °C
Temperature class	T6
Frequency	0 Hz ... 60 Hz
Dimensions of valve body	32 mm * 32 mm * 10 mm
Material of valve body	MS or plastic (PA 6 GV)
Min. distance wall to wall for butt-mounting	1 mm

Type designation	AC10 - .. - 5 - PD76
Type of current	universal current
Rated voltage	12 V ... 400 V
Rated current	0.114 A ... 0.003 A
Limit power	1.25 W
Max. permissible ambient temperature	-30 °C ... +60 °C
Temperature class	T6
Frequency	0 Hz ... 60 Hz
Dimensions of valve body	32 mm * 32 mm * 10 mm
Material of valve body	MS or plastic (PA 6 GV)
Min. distance wall to wall for butt-mounting	1 mm
Type designation	AC10 - .. - 4 - PD77
Type of current	universal current
Rated voltage	12 V ... 400 V
Rated current	0.33 A ... 0.01 A
Limit power	4 W
Max. permissible ambient temperature	-30 °C ... +40 °C
Temperature class	T5
Frequency	0 Hz ... 60 Hz
Dimensions of valve body	32 mm * 32 mm * 10 mm
Material of valve body	MS or plastic (PA 6 GV)
Min. distance wall to wall for butt-mounting	5 mm
Type designation	AC10 - .. - 4 - PD78
Type of current	universal current
Rated voltage	12 V ... 400 V
Rated current	0.25 A ... 0.007 A
Limit power	3 W
Max. permissible ambient temperature	-30 °C ... +50 °C
Temperature class	T6
Frequency	0 Hz ... 60 Hz
Dimensions of valve body	32 mm * 32 mm * 10 mm
Material of valve body	MS or plastic (PA 6 GV)
Min. distance wall to wall for butt-mounting	5 mm

Type designation	AC10 - .. - 4 - PD79
Type of current	universal current
Rated voltage	12 V ... 400 V
Rated current	0.13 A ... 0.003 A
Limit power	1.5 W
Max. permissible ambient temperature	-30 °C ... +55 °C
Temperature class	T6
Frequency	0 Hz ... 60 Hz
Dimensions of valve body	32 mm * 32 mm * 10 mm
Material of valve body	MS or plastic (PA 6 GV)
Min. distance wall to wall for butt-mounting	5 mm
Type designation	AC10 - .. - 5 - PD80
Type of current	universal current
Rated voltage	12 V ... 400 V
Rated current	0.68 A ... 0.02 A
Limit power	7 W
Max. permissible ambient temperature	-40 °C ... +40 °C
Temperature class	T4
Frequency	0 Hz ... 60 Hz
Dimensions of valve body	32 mm * 32 mm * 10 mm
Material of valve body	MS or plastic (PA 6 GV)
Min. distance wall to wall for butt-mounting	1 mm
Type designation	AC10 - .. - 5 - PD81
Type of current	universal current
Rated voltage	12 V ... 400 V
Rated current	0.25 A ... 0.007 A
Limit power	3 W
Max. permissible ambient temperature	-40 °C ... +50 °C
Temperature class	T5
Frequency	0 Hz ... 60 Hz
Dimensions of valve body	32 mm * 32 mm * 10 mm
Material of valve body	MS or plastic (PA 6 GV)
Min. distance wall to wall for butt-mounting	1 mm

Type designation	AC10 - .. - 5 - PD82
Type of current	universal current
Rated voltage	12 V ... 400 V
Rated current	0.19 A ... 0.005 A
Limit power	2.25 W
Max. permissible ambient temperature	-40 °C ... +40 °C
Temperature class	T6
Frequency	0 Hz ... 60 Hz
Dimensions of valve body	32 mm * 32 mm * 10 mm
Material of valve body	MS or plastic (PA 6 GV)
Min. distance wall to wall for butt-mounting	1 mm

Type designation	AC10 - .. - 5 - PD83
Type of current	universal current
Rated voltage	12 V ... 400 V
Rated current	0.114 A ... 0.003 A
Limit power	1.25 W
Max. permissible ambient temperature	-40 °C ... +60 °C
Temperature class	T6
Frequency	0 Hz ... 60 Hz
Dimensions of valve body	32 mm * 32 mm * 10 mm
Material of valve body	MS or plastic (PA 6 GV)
Min. distance wall to wall for butt-mounting	1 mm

Type designation	AC10 - .. - 4 - PD84
Type of current	universal current
Rated voltage	12 V ... 400 V
Rated current	0.33 A ... 0.01 A
Limit power	4 W
Max. permissible ambient temperature	-40 °C ... +40 °C
Temperature class	T5
Frequency	0 Hz ... 60 Hz
Dimensions of valve body	32 mm * 32 mm * 10 mm
Material of valve body	MS or plastic (PA 6 GV)
Min. distance wall to wall for butt-mounting	5 mm

Type designation	AC10 - .. - 4 - PD85
Type of current	universal current
Rated voltage	12 V ... 400 V
Rated current	0.25 A ... 0.007 A
Limit power	3 W
Max. permissible ambient temperature	-40 °C ... +50 °C
Temperature class	T5
Frequency	0 Hz ... 60 Hz
Dimensions of valve body	32 mm * 32 mm * 10 mm
Material of valve body	MS or plastic (PA 6 GV)
Min. distance wall to wall for butt-mounting	5 mm
Type designation	AC10 - .. - 4 - PD86
Type of current	universal current
Rated voltage	12 V ... 400 V
Rated current	0.13 A ... 0.003 A
Limit power	1,5 W
Max. permissible ambient temperature	-40 °C ... +55 °C
Temperature class	T6
Frequency	0 Hz ... 60 Hz
Dimensions of valve body	32 mm * 32 mm * 10 mm
Material of valve body	MS or plastic (PA 6 GV)
Min. distance wall to wall for butt-mounting	5 mm

(16) Test report PTB Ex 00-20165

(17) Special conditions for safe use

1. A fuse (max. 3xI_B acc. to DIN 41571 or IEC 127) or a motor protection switch with short-circuit and thermal instantaneous tripping (adjusted to rated current) shall be connected in series to each solenoid as short-circuit protection. This fuse may be installed in the associated supply unit or shall be connected in series separately. The rated voltage of the fuse shall be equal to or higher than the indicated rated voltage of the solenoid. The breaking capacity of the fuse link shall be equal to or higher than the maximum short-circuit current to be assumed at the place of installation (usually 1500 A). The fuse value is indicated on the solenoid.
2. The magnet coils of types AC10 - .. - . - PD73 through AC10 - .. - . - PD86 may only be operated with the associated valve body made of metal or plastic (PA 6 GV). A bigger valve body with better thermal conductivity may be mounted any time.

3. If the magnet coil, type AC10 -...-... is installed as category-2 apparatus in petrol pumps for the control of petrol the material of the valve body shall consist of metal (brass, aluminium, VA). The coil is mounted on the guide tube of the iron core and may be removed by the manufacturer only. The valves always form a complete system.
4. The magnet coils of types AC10-...-PD47 through AC10-...-PD72 are suited for single mounting only.
5. The range of the operating temperature for each type, indicated under "Electrical data" shall be taken into consideration.
6. For the magnet coils, type AC10-...-6-PD53 through AC10-...-6-PD66 a heat-proof cable tail shall be used if the ambient temperature exceeds 55°C.
7. Temperature conditions with ambient temperature of 60°C at the magnet coil AC10

temperature class	size of coil	absolute temperature (°C)
T4	5	118
T4	6	113
T5	4	93
T5	5	87
T5	6	90
T6	5	79
T6	6	75

8. The type designation and the type of protection of the magnet coil AC10-...-... changes when mounting a terminal box.

(18) Essential health and safety requirements

covered by the standards mentioned above

Zertifizierungsstelle Explosionsschutz
By order:

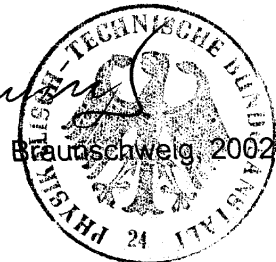
Braunschweig, August 16, 2000

(signature)

Dr.-Ing. Johannsmeyer
Regierungsdirektor

12 pages, correct and complete as regards content.
By order

Dr.-Ing. Johannsmeyer
Regierungsdirektor



sheet 12/12

1. SUPPLEMENT

according to Directive 94/9/EC Annex III.6

to EC-TYPE-EXAMINATION CERTIFICATE PTB 00 ATEX 2129 X

(Translation)

Equipment: Magnet coil AC10


Marking:  II 2 G EEx m II T4, T5, T6

Manufacturer: Bürkert Werke GmbH & Co.

Address: Christian-Bürkert-Straße 13-17
74653 Ingelfingen, Germany

Description of supplements and modifications

The field of application for the magnet coil AC10-... has been extended for application in areas with combustible dust. The extension is only valid for the design with open-ended cable. Designs with terminal box are excepted from this.

The additional marking is:  II 2 D IP 65 T..

Test report: PTB Ex 02-21357

Zertifizierungsstelle Explosionsschutz
By order:

Dr.-Ing. U. Johannsmeyer
Regierungsdirektor



Braunschweig, April 24, 2002

Sheet 1/1

EC-type-examination Certificates without signature and official stamp shall not be valid. The certificates may be circulated only without alteration. Extracts or alterations are subject to approval by the Physikalisch-Technische Bundesanstalt. In case of dispute, the German text shall prevail.


2. SUPPLEMENT

according to Directive 94/9/EC Annex III.6

to EC-TYPE-EXAMINATION CERTIFICATE PTB 00 ATEX 2129 X

(Translation)

Equipment: Magnet coil AC10

Marking:  II 2 G EEx m II T4, T5, T6 or II 2 G EEx em II T4, T5, T6 and
II 2 D IP65 T.. as well as range of ambient temperature

Manufacturer: Bürkert Werke GmbH & Co.

Address: Christian-Bürkert-Straße 13-17
74653 Ingelfingen, Germany

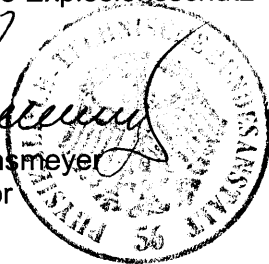
Description of supplements and modifications

The terminal box has been modified marginally concerning the dimensions. In the future the threaded bush, the thread nipple and the cable gland will be manufactured according to the attached documents. Furthermore the manufacturer's specifications will be coded according to work instructions WN 06 3500 47. In the future also the text in the description of the equipment will be as mentioned in the 2nd supplement to the technical description.

Test report: PTB Ex 04-24185

Zertifizierungsstelle Explosionsschutz
By order:


Dr.-Ing. U. Johannsmeyer
Regierungsdirektor



Braunschweig, September 21, 2004

Sheet 1/1

**Technische Beschreibung zur zweiten Ergänzung der EG-
Baumusterprüfbescheinigung PTB 00 ATEX 2129 X**

wir haben Änderungen am Klemmenkasten der an die Elektromagnete des Typs AC 10 (PTB 00 ATEX 2129 X) angebaut werden kann vorgenommen.

Es handelt sich hierbei um geringfügige maßliche Änderungen wie z.B. Dicke des Klemmenkastendeckels, oder Kontur der Formdichtung.

An den verwendeten Werkstoffen für Klemmenkasten/Deckel des Klemmenkastens (Makrolon) und Formdichtung (FPM 70) hat sich nichts geändert.

Darüber hinaus wurde die Zeichnung der Gewindebuchse, der Gewindenippel und der Kabelverschraubung neu erstellt. Zukünftig sollen die Komponenten auch nach folgenden Unterlagen gefertigt werden können:

- Deckel, Zeichnung Nr. F1 642 925
- Dichtung, Zeichnung Nr. F1 651 241
- Gewindebuchse M4, Zeichnung F1 651 269
- Gewindenippel, Zeichnung Nr. F1 656 770 mit Stückliste Nr. X1 656 770
- Kabelverschraubung, Zeichnung Nr. F1 651 253

Künftig lautet der Text in der Beschreibung des Geräts:

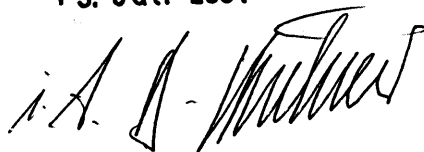
Die Magnetspule AC10 dient zum betätigen von Ventilen die gasförmige oder flüssige Medien steuern. Die Magnetspule wird immer auf dem Kernführungsrohr der Armatur montiert und mittels einer Mutter befestigt, dadurch entsteht immer ein geschlossenes System und die Geräte dürfen auch in Tanksäulen zur Steuerung von Benzin als Kategorie -2-Gerät eingesetzt werden.

Die Anordnung/Verschlüsselung der Herstelldaten/Serien-Nr. erfolgt zukünftig gemäß Arbeitsvorschrift mit Nr. WN 06 3 500 47.

Bürkert Werke GmbH & Co. KG
Christian-Bürkert-Straße 13-17
74653 Ingelfingen

PTB Ex 04 - 24185

13. Juli 2004




3. SUPPLEMENT

according to Directive 94/9/EC Annex III.6

to EC-TYPE-EXAMINATION CERTIFICATE PTB 00 ATEX 2129 X

(Translation)

Equipment: Magnet coil AC-...-...-...

Marking:  II 2 G EEx m II T4, T5, T6 or II 2 G EEx em II T4, T5, T6 and
II 2 D IP65 T..

Manufacturer: Bürkert Werke GmbH & Co.

Address: Christian-Bürkert-Straße 13, 74653 Ingelfingen, Germany

Description of supplements and modifications

The design of the Magnet coil AC10-...-...-... with terminal box has been extended for the application as electrical apparatus in hazardous areas due to combustibles dust. The designation of the maximum surface temperature depends on the operating conditions of the type of magnet coil applied.

Applied standards

EN 50014:1997 A1 + A2

EN 50028:1987

EN 50281-1-1:1998 + A1

Test report: PTB Ex 05-25260

Zertifizierungsstelle Explosionsschutz

By order:

Braunschweig, October 31, 2005


Dr.-Ing. U. Johannsmeyer
Direktor und Professor



4th SUPPLEMENT

according to Directive 94/9/EC Annex III.6

to EC-TYPE-EXAMINATION CERTIFICATE PTB 00 ATEX 2129 X

(Translation)

Equipment: Solenoid, type AC 10

Marking:  II 2 G EEx m II T4/T5/T6 or
 II 2 G EEx em II T4/T5/T6 or
 II 2 D IP 65 T..

Manufacturer: Bürkert Werke GmbH & Co.

Address: Christian-Bürkert-Straße 13-17
74653 Ingelfingen, Germany

Description of supplements and modifications

The solenoid, type AC10, may in future also be manufactured in compliance with the test documents shown in the Test Report.

The solenoid will be locked against rotation.

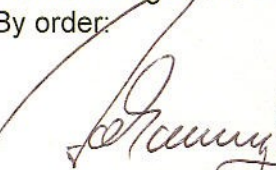
The electrical data and all other specifications will apply also to this 4th supplement without any alterations.

Test report: PTB Ex 06-26129

Zertifizierungsstelle Explosionsschutz

By order:

Braunschweig, June 13, 2006


Dr.-Ing. U. Johannsmeyer
Direktor und Professor

