



IECEX Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification Scheme for Explosive Atmospheres

for rules and details of the IECEX Scheme visit www.iecex.com

Certificate No.: issue No.:

Status:

Date of Issue: **2016-11-17** Page 1 of 3

Applicant: **Bürkert Werke GmbH**
Christian-Bürkert-Str. 13-17
74653 Ingelfingen
Germany

Equipment: **Cartridgevalve type 6164-...-EXII**-...-PX36**
Optional accessory:


Type of Protection: **Equipment protection by intrinsic safety "i"**

Marking: Ex ib IIC T6...T4 Gb
Ex ib IIIB T155°C Db

Approved for issue on behalf of the IECEX Certification Body: J. Koch

Position: Head of Certification Body

Signature: (for printed version)



27.11.16

Date:

1. This certificate and schedule may only be reproduced in full.
2. This certificate is not transferable and remains the property of the issuing body.
3. The Status and authenticity of this certificate may be verified by visiting the [Official IECEX Website](http://www.iecex.com).

Certificate issued by:





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Manufacturer: **Bürkert Werke GmbH**
Landauer Straße 24
74582 Gerabronn
Germany

Additional Manufacturing location(s):

This certificate is issued as verification that a sample(s), representative of production, was assessed and tested and found to comply with the IEC Standard list below and that the manufacturer's quality system, relating to the Ex products covered by this certificate, was assessed and found to comply with the IECEx Quality system requirements. This certificate is granted subject to the conditions as set out in IECEx Scheme Rules, IECEx 02 and Operational Documents as amended.

STANDARDS:

The electrical apparatus and any acceptable variations to it specified in the schedule of this certificate and the identified documents, was found to comply with the following standards:

IEC 60079-0 : 2011 Explosive atmospheres - Part 0: General requirements
Edition: 6.0

IEC 60079-11 : 2011 Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"
Edition: 6.0

*This Certificate **does not** indicate compliance with electrical safety and performance requirements other than those expressly included in the Standards listed above.*

TEST & ASSESSMENT REPORTS:

A sample(s) of the equipment listed has successfully met the examination and test requirements as recorded in

Test Report:

[DE/BVS/ExTR16.0078/00](#)

Quality Assessment Report:

[DE/PTB/QAR07.0002/06](#)



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Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

Subject and Type

See Annex

Description

See Annex

Parameters

See Annex

SPECIFIC CONDITIONS OF USE: YES as shown below:

The permissible ambient temperatures are included in the Manual. The maximum ambient temperature is in some cases - dependent on the installation variant and input voltage - limited to values $< 40^{\circ}\text{C}$.

The valve has to be installed in such a way that the metallic enclosure parts are either not accessible or included in the local potential equalization.

Annex: [BVS_16_0053X_Bürkert_Annex.pdf](#)