



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.: Certificate history:

Status:

Date of Issue: Page 1 of 3

Applicant: **OBO Bettermann GmbH & Co**
Hüingser Ring 52
58710 Menden
Germany

Electrical Apparatus: **Parex-Isolating spark gap type 480**
Optional accessory:

Type of Protection: **Equipment protection by flameproof enclosures "d"**

Marking: **Ex d IIC T6 Gb**

Approved for issue on behalf of the IECEx
Certification Body:

Dr. F. Eickhoff

Position:

Deputy Head of Certification

Signature:
(for printed version)

Date:

2012-04-27

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.

Certificate issued by:

DEKRA EXAM GmbH
Dinnendahlstrasse 9
44809 Bochum
Germany





IECEX Certificate of Conformity

Certificate No.: IECEx BVS 12.0028X

Date of Issue: 2012-04-27

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Manufacturer: **OBO Bettermann GmbH & Co**
Hüingsler Ring 52
58710 Menden
Germany

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 : 2007-10 Explosive atmospheres - Part 0: Equipment - General requirements
Edition: 5

IEC 60079-1 : 2007-04 Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"
Edition: 6

*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/ExTR12.0028/00](#)

Quality Assessment Report:

[DE/BVS/QAR10.0001/00](#)



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Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

Description:

The isolating spark gap is intended to provide galvanic isolation between electrical installations. The galvanic isolation prevents not only electrochemical corrosion but provides also a connection capable of carrying lightning current. The spark gap provides equipotential bonding.

The electrode compartment of the spark gap is designed in type of protection flameproof enclosure.

CONDITIONS OF CERTIFICATION: YES as shown below:

The Parex-Isolation spark gap is to protect against mechanical dangers.