



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.: IECEx PTB 14.0008X Issue No: 0 Certificate history:
Issue No. 0 (2014-06-19)

Status: **Current** Page 1 of 3

Date of Issue: **2014-06-19**

Applicant: **Hans Turck GmbH & Co KG**
Witzlebenstraße 7, 45472 Mülheim an der Ruhr
Germany

Equipment: **Power supply filter PS-F24Ex/...**
Optional accessory:

Type of Protection: **Increased safety "e", Protection by powder filling "q"**

Marking:
Ex e q IIC T4 Gb or Ex eb qb IIC T4

Approved for issue on behalf of the IECEx
Certification Body:

Dr.-Ing. Ulrich Johannsmeyer

Position:

Head of Department "Explosion Protection in Sensor Technology and
Instrumentation"

Signature:
(for printed version)

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:

Physikalisch-Technische Bundesanstalt (PTB)
Bundesallee 100
38116 Braunschweig
Germany





IECEx Certificate of Conformity

Certificate No: IECEx PTB 14.0008X

Issue No: 0

Date of Issue: 2014-06-19

Page 2 of 3

Manufacturer: **Hans Turck GmbH & Co KG**
Witzlebenstraße 7, 45472 Mülheim an der Ruhr
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 Edition:6.0	Explosive atmospheres - Part 0: General requirements
IEC 60079-5 : 2007-03 Edition:3	Explosive atmospheres - Part 5: Equipment protection by powder filling "q"
IEC 60079-7 : 2006-07 Edition:4	Explosive atmospheres - Part 7: Equipment protection by increased safety "e"

*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/PTB/ExTR14.0009/00](#)

Quality Assessment Report:

[DE/PTB/QAR06.0013/02](#)



IECEx Certificate of Conformity

Certificate No: IECEx PTB 14.0008X

Issue No: 0

Date of Issue: 2014-06-19

Page 3 of 3

Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

The power-supply filter PS-F24Ex/.. is used to smooth the direct voltage generated by the ballasts of type PP5A... and to compensate line influences for the operation with d.c.-supply. Depending on the module subrack used, two variants, each provided with one or two filter components, are permissible. The connection is carried out via cable, connected to the respective terminal clamps on the module subrack in type of protection "Increased Safety".

Rated voltage (maximum): 35 V DC

Ambient temperature range: -20 °C...+70 °C

SPECIFIC CONDITIONS OF USE: YES as shown below:

The power-supply filter PS-F24Ex/..., as a discrete assembly, shall only be applied in combination with the complete System on the module subrack, type MT...

The power-supply filter PS-F24Ex/... shall be mounted into a housing providing the minimum degree of protection IP 54.