

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 BVS 15.0098		issue No.:0	Certificate history
Status:	Current			
Date of Issue:	2015-10-21		Page 1 of 3	
Applicant:	Gönnheimer Elektro DrJulius-Leber-Straße 67433 Neustadt an der Germany	2		
Electrical Apparatus: Optional accessory:	Pressurized enclosure	e type F83	:0/840-SYST	
Type of Protection:	Equipment protection by pressurized enclosure "p"			
Marking:	Ex pzc IIC T3 - T6 Gc Ex pzc IIIC T70°C - T195°C Dc		(F830/840-SYST x.x.x.x. G) (F830/840-SYST x.x.x.x. D)	
Approved for issue on b Certification Body:	ehalf of the IECEx	HCh.	Simanski	
Position:	Head of Certification Body			
Signature: (for printed version)		1.	Q. Swil.	
Date:		7!	10.2015	

Certificate issued by:

DEKRA EXAM GmbH Dinnendahlstrasse 9 44809 Bochum Germany





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Manufacturer:

Gönnheimer Elektronic GmbH

Dr.-Julius-Leber-Straße 2

67433 Neustadt an der Weinstraße

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 60079-2 : 2014-07

Explosive atmospheres - Part 2: Equipment protection by pressurized enclosure "p"

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/ExTR15.0087/00

Quality Assessment Report:

DE/TUN/QAR10.0006/05



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Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

Subject and Type

Pressurized enclosure type F830/840-SYST x.x.x.x. x

The first x will be replaced by a number 1 to 9 which defines the basic version of the enclosure. The second, third and fourth x replaced by the dimensions of the enclosure in decimetre. The fifth x be replaced by G for EPL Gc or D for EPL Dc.

Description

The pressurized enclosure F830/840-SYST consists of an enclosure in different versions for the installation of electrical equipment. For monitoring the purging and the minimum overpressure the pressurization system FS830 / FS840 (IECEX BVS 15.0037 X), F850S / F860S (IECEX BVS 12.0033) or F870S (IECEX BVS 10.0095) is used.

Darameters

Electrical parameters:

Supply voltage:

AC/DC 230

V

or 3 x AC 400

Pneumatic parameters

Maximum free volume

6 m³

Minimum overpressure &bnsp;

0.8 mbar

CONDITIONS OF CERTIFICATION: NO