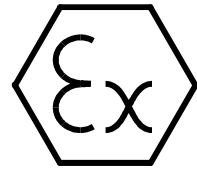


KEMA



(1) **Partial Certificate**

(2) **KEMA Nr. Ex-96.D.2006 U**

(3) This certificate is issued for the electrical operation equipment
Pressurized Enclosure system type F850

(4) Manufacturer:
**Günheimer Elektronik GmbH
Dr.-Julius-Leber-Straß 2
67433 Neustadt / Weinstraß
Germany**

(5) This electrical apparatus and any acceptable variation thereto is specified in the Annex to this certificate and the documents therein referred to.

(6) KEMA, being an Approved Certification Body in accordance with Article 14 of the Council Directive of the European Communities of 18 December 1975 (76/117/EWG), confirms that the apparatus has been found to comply with the harmonised European standards:

Electrical operation equipment for explosion-endangered areas

**EN 50 016:1977 + A1 , Pressurized apparatus p“
Sections 5, 6 and annex A 2b**

(7) The operation equipment shall include the code

KEMA Nr. Ex-96.D.2006 U

(8) The manufacturer of the electrical operation equipment referred to in this certificate, has the responsibility to ensure that the operation equipment conforms to the specification laid down on the Annex to this certificate and has satisfied routine verifications and tests specified therein.

(9) This partial certificate is not a complete Certificate of Conformity; It is used to be a base to issue the complete verification certificate.

(10) The electrical equipment must not be marked with the common distinguishing sign according annex II of the article of the committee on January 16, 1984 (84/47/EWG). This is valid, until a certificate of conformity or inspection certificate is issued.

Amheim, 16 July 1996
by order of the Board of Directors of N. V. KEMA

C.M. Boschloo
Certification Manager

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This is a translation of a certificate. Regard, this translation on its own is not valid.

Annex

to the Partial Certificate KEMA Nr. Ex-96.D.2006 U

Description

The pressurized enclosure system type F 850 serves as a auxiliary facility, to produce, monitor, and the protected continuation of the required overpressure in pressurized enclosure systems.

The pressurized enclosure system contents:

- Pressurized enclosure control unit type FS 850 with built-in pressure sensory (PTB Nr. Ex.D.2046)
- Operating panel BT 851
- Operating panel BT813 ..BT815
- Solenoid valve/ valves (according separate inspection certificate)

The automatic pressurized enclosure system can operate as a system to make a leakage compensation or as a system with continuous flow of protection gas.

Installation indication

This inspection certificate contains just the inspection of structure and function of the auxiliary facility. For the pressurized enclosure (operation equipment), a separate inspection certificate (certificate of conformity), containing the concerned making and temperature class, is necessary.

The solenoid valves must have a separate inspection certificate.

The drain of the protection gas can be in the hazardous area. An emission of sparks or ignition capable particles as well as a fast intrusion of the ambient atmosphere are effectively prevented by the making of the pressure monitor.

It is only permitted to use the bypass switch, if it is sure, that during the whole period of the necessary works, no explosive atmosphere is present or the necessary security measures to avoid an explosion are met. This information should be suitably reported to the operating personnel.

The menu to set the important parameters must be protected always by a code word.

Inspection Documents:

signed on

- | | | |
|------------------------|--------------|--------------|
| 1. Partial Certificate | | |
| 2. Description | (7 pages) |) |
| 3. Drawing No. | FS850.900 |) |
| | FS850.910 |) |
| | FS850.920 |) 07.05.1996 |
| | FS850.610 |) |
| | FS850.610 ST |) |
| | FS850.930 |) 09.05.1996 |

Annex
to the partial certificate KEMA Nr. Ex-96.D.2006 U

Inspection documents:	(continuation)	<u>signed on</u>
Drawing No.	FS850.410)
	FS850.420)
	FS850.430)
	FS850.440)
	FS850.450) 07.05.1996
	FS850.451)
	DW 812.403.4)
	DW 812.405.4)

4. Inspection sample

Arnhem, July 16, 1996
in behalf of the N. V. KEMA direction

C.M. Boschloo
Certification Manager