

[1] EC-TYPE EXAMINATION CERTIFICATE

[2] **Equipment or Protective System Intended for use
in Potentially explosive atmospheres
Directive 94/9/EC**

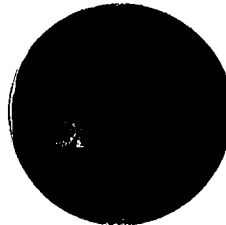


- [3] EC-Type Examination Certificate Number: **DEMKO 99 ATEX 125689X**
- [4] Equipment or Protective System: **Electrically Operated Valve. Solenoid Type 042N55XX**
- [5] Manufacturer: **Danfoss A/S, Albuen 29, 6400 Kolding, Denmark**
- [6] Applicant: **Danfoss A/S, Nordborgvej 18, 6430 Nordborg, Denmark**
- [7] This equipment or protective system and any acceptable variation thereto are specified in the schedule to this certificate and the documents therein referred to.
- [8] DEMKO, notified body number 0539 in accordance with Article 9 of the Council Directive 94/9/EC of 23 March 1994, certifies that this equipment or protective system has been found to comply with the Essential Health and Safety Requirements relating to design and construction of equipment and protective systems intended for use in potentially explosive atmospheres given in Annex II to the Directive.
- The examination and test results are recorded in confidential report no. 125689 Report
- [9] Compliance with the Essential Health and Safety Requirements has been assured by compliance with:
EN 50014 December 1992 **EN50028 February 1987**
- [10] If the sign "X" is placed after the certificate number, it indicates that the equipment or protective system is subject to special conditions for safe use specified in the schedule to this certificate.
- [11] This EC-TYPE EXAMINATION CERTIFICATE relates only to the design and construction of the specified equipment or protective system. If applicable, further requirements of this Directive apply to the manufacture and supply of this requirement or protective system.
- [12] The marking of the equipment or protective system shall include the following:

⊕ II 2G EEx m II T4

For and on behalf of DEMKO

Steen Lumby
Certification manager



Herlev 99.08.17

Revised: 00-05 04

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Ref.: 99 ATEX 125689X

Page 1

Schedule

[13]

[14]

EC-TYPE EXAMINATION CERTIFICATE No. DEMKO 99 ATEX 125689X

[15] Description of Equipment or protective system:

The above mentioned product is a solenoid operating a valve.

Type variants comprised by the certificate:

Solenoid Ø9mm system:

Solenoid: Type 042N55XX

— Designates length of integrated cable to a maximum of 5,6 meter:

0 - 9: Cable length

— Designates rating of the solenoid:

0: 24V DC/0,28A

1: 24V DC/0,2A

2: 24V AC/0,42A

3: 230V AC/0,05A

Solenoid Ø8mm system:

Solenoid: Type 042N56XX

— Designates length of integrated cable to a maximum of 5,6 meter:

0 - 9: Cable length

— Designates rating of the solenoid:

0: 24V DC/0,28A

1: 24V DC/0,2A

2: 24V AC/0,325A

3: 230V AC/0,033A

Solenoid Ø8/Ø9mm system:

Valves: Type EV ___ A and EV ___ C.

[16]

Report No.: 125689 Report EN50014+EN50028
125689 Report 125689-03
125689 Report 125689-04
125689 Report 125689-05
125689 Report 125689-06
125689 Report 125689-07
125689 Report 125689-08

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Certificate: 99 ATEX 125689X
Report: 125689-08

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