

(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: **KEMA 99ATEX6589 X**

(4) Equipment or protective system: **Valve Actuator Model Series 9136 ... 9145**

(5) Manufacturer: **IMI Norgren Buschjost + Co. KG**

(6) Address: **Detmolder Straße 256, 32545 Bad Oeynhausen, Germany**

(7) This equipment or protective system and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.

(8) KEMA Quality B.V., notified body number 0344 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 the 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. 96589.

(9) Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

**EN 50014 : 1992 + prA1    EN 50028 : 1987    EN 50281-1-1 : 1998**

(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.

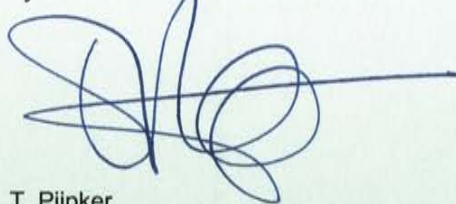
(11) This EC-Type Examination Certificate relates only to the design, examination and tests of the specified equipment or protective system in accordance to the Directive 94/9/EC. Further requirements of the Directive apply to the manufacturing process and supply of this equipment or protective system. These are not covered by this certificate.

(12) The marking of the equipment or protective system shall include the following:



**II 2 GD EEx m II T4    T 110 °C**

Arnhem, 18 April 2000  
by order of the Board of Directors of N.V. KEMA



T. Pijpker  
Certification Manager

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(13)

## SCHEDULE

(14)

to EC-Type Examination Certificate KEMA 02ATEX1019 X

(15) **Description**

Valve actuators to be used for pushing or pulling valve action with mounted valve, model series 9136 ... 9145.

The different models of valve actuators are provided with a fixed cable and are distinguished by rated power, rated voltage and cable length.

Ambient temperature range:    -20 °C ... + 40 °C at rated power  $P \leq 8$  W  
   -20 °C ... + 60 °C at rated power  $P \leq 6,5$  W

### Electrical data

Rated voltage:                    12 ... 440 Vdc  
   12 ... 400 Vac  
 Rated current:                   0,015 ... 0,741 A  
 Rated power:                     6,5 W bzw. 8 W

### Mechanical data

The type of protection of the equipment enclosure is IP 67 as per EN 60529.

(16) **Report**

KEMA No. 96589.

(17) **Special conditions for safe use**

The valve actuator must be protected with a fuse in accordance with the rated current. The breaking capacity of the fuse must be in accordance with the prospective short circuit current of the mains supply.

(18) **Essential Health and Safety Requirements**

Essential Health and Safety Requirements not covered by standards listed at (9)	
Clause	Subject
1.0.5	Marking
1.0.6 b)	Instructions

These Essential Health and Safety Requirements have been examined and have been positively judged. The results are laid down in the report listed at (16).

(13)

## SCHEDULE

(14)

to EC-Type Examination Certificate KEMA 02ATEX1019 X

(19) **Test documentation**

signed

1. Description (3 pages)

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2. Drawing No.

9136 ... 9145

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30.03.2000

1258274.0000.00000

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1256935.0000.00000

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1256967.0000.00000

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28.09.1999

1257588.0000.00000

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3. Samples