



Translation

## EC-TYPE EXAMINATION CERTIFICATE

- (1)
- (2) Equipment or protective system intended for use in potentially explosive atmospheres - **Directive 94/9/EC**
- (3) EC-Type Examination Certificate Number



**TÜV 03 ATEX 2163**

- (4) Equipment: Monitoring device Type ... Ex...
- (5) Manufacturer: Dosch Messapparate GmbH
- (6) Address: Wiener Straße 10  
D-10999 Berlin

- (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) The TÜV NORD CERT GmbH & Co. KG, TÜV CERT-Certification Body, notified body number N° 0032 in accordance with Article 9 of the Council Directive of the EC of March 23, 1994 (94/9/EC), 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 the confidential report N° 03 YEX 550659-2.

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

**EN 50014:1997**

**EN 50018:2000**

**EN 50019:2000**

- (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 in accordance to the Directive 94/9/EC. Further requirements of the Directive apply to the manufacturing process and supply of this equipment. These are not covered by this certificate.

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



**II 2 G EEx de IIC T6**

Hanover, 2003-06-19

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TÜV CERT-Certification Body  
Am TÜV 1  
D-30519 Hannover  
Tel.: 0511 986-1470  
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**TÜV NORD CERT**

Head of the  
Certification Body



## SCHEDULE

(13)

(14) **EC-TYPE EXAMINATION CERTIFICATE N° TÜV 03 ATEX 2163**

(15) Description of equipment

The housing of the monitoring device of Type .... Ex ... is in the kind of protection Increased Safety. In the housing is implemented a switch type 177 with the component certificate TÜV 03 ATEX 2162 U. The fixtures can be carried out as variants, which are fixed in the test documents.  
The electrical data of the monitoring device are fixed in the component certificate of the switch.

### Technical data

Range of the permitted ambient temperature	- 20 °C to 40 °C
Max. Cross-sectional area	1,5 mm <sup>2</sup>

(16) Test documents are listed in the test report No.: 03 YEX 550659-2.

(17) Special conditions for safe use

None:

the following must be taken in account for installation and operation:

- The indications of the certificate TÜV 03 ATEX 2162 U must be taken in account.
- The monitoring device must be provided with cable entries and filler plugs which have at least been certified according to EN 50014:1997 and EN 50019:2000.

(18) Essential Health and Safety Requirements

no additional ones