

## TÜV CERT

(1) **STATEMENT OF CONFORMITY**

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

### TÜV 03 ATEX 2302 X

- (4) Equipment: Bourdon tube pressure gauges series 2XX.XX with built-in electrical alarm contacts model 831.
- (5) Manufacturer: WIKA Alexander Wiegand GmbH & Co. KG
- (6) Address: D 63911 Klingenberg, Alexander-Wiegand-Strasse
- (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 550951.
- (9) Compliance with the Essential Health and Safety Requirements has been assured by compliance with:  
EN 13463-1:2001 prEN 13463-5:2000
- (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 enclosure to this certificate.
- (11) This statement of conformity 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 statement of conformity.
- (12) The marking of the equipment or protective system must include the following:



TÜV NORD CERT GmbH & Co. KG  
TÜV CERT-Certification Body  
Am TÜV 1  
D-30519 Hannover  
Tel.: 0511 986-1470  
Fax: 0511 986-2555

Hannover, 2003-10-24

(signature)

Head of the Certification Body

(13)

## SCHEDULE

(14)

### STATEMENT OF CONFORMITY No. TÜV 03 ATEX 2302 X

(15) Description of equipment

The bourdon tube pressure gauges consist of the mechanical basic instruments of the 2XX.XX series, nominal size 100 or 160 mm, and the electrical limit switches series 831.XX-XX.

#### Technical data:

|   |                    | Liquid filled cases |
|---|--------------------|---------------------|
| Minimum permissible ambient temperature | -40°C              | -20°C               |
| Maximum permissible ambient temperature | 60°C <sup>1)</sup> | 60°C <sup>1)</sup>  |

| Design   | Models |                                    |                                    |                                    |
|--|--------|------------------------------------|------------------------------------|------------------------------------|
|  | 212.20 | 232.30                             | 232.50                             | 232.36                             |
| Liquid-filled  | 213.20 | 233.30                             | 233.50                             | 233.36                             |
| <sup>1)</sup> Permissible maximum medium temperature | 80°C   | 100°C or 200°C resp. <sup>2)</sup> | 100°C or 200°C resp. <sup>2)</sup> | 100°C or 200°C resp. <sup>2)</sup> |

<sup>1)</sup> The permissible medium temperature resp. maximum ambient temperature can be further limited by the EC-type examination certificate for the proximity switches or sensors used.

<sup>2)</sup> The higher values apply only for unfilled types.  
Here footnote <sup>1)</sup>, however, has to be observed too.

#### Electrical data:

The electrical data have to be taken from the corresponding EC-type examination certificates for the proximity switches or sensors used.

(16) Test documents are listed in test report No. 03 YEX 550951.

(17) Special conditions for safe use

Based on the fact that the a.m. pressure gauge does not represent a heat source according to EN 13463-1:section 14.2 g, the pressure gauges are not marked with the temperature class or the surface temperature respectively.

The permissible ambient temperature or the permissible medium temperature respectively is to be taken from the a.m. table or the operating instruction respectively.

Above listed gauge must be involved into the potential equalization of the plant.

(18) Essential Health and Safety Requirements

No additional ones