

EU - Type Examination Certificate

- (1)
- (2) Equipment and protective systems intended for use in potentially explosive atmospheres – **Directive 2014/34/EU**
- (3) EU - Type Examination Certificate Number

EPS 20 ATEX 1 132 X

Revision 0

- (4) Equipment: Gas sensor measuring head MG-de/a - b - c - d
- (5) Manufacturer: TEVEL, d.o.o.
- (6) Address: Borovniško naselje 7
1412 Kisovec
Slovenija
- (7) This equipment and any acceptable variation thereto are specified in the annex to this certificate and the documentation therein referred to.
- (8) Bureau Veritas Consumer Products Services Germany GmbH, notified body No. 2004 in accordance with Article 21 given in the Directive 2014/34/EU of the European Parliament and of the Council of 26 February 2014, certifies that this equipment 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 of the Directive. The examination and test results are recorded in the confidential documentation under the reference number 20TH0254.
- (9) Compliance with the essential health and safety requirements has been assured by compliance with:



EN IEC 60079-0:2018

EN 60079-31:2014

EN 60079-1:2014

EN IEC 60079-7:2015/A1:2018

- (10) If the sign "X" is placed after the certificate number, it indicates that the equipment is subject to special conditions for safe use specified in the annex to this certificate.
- (11) This EU - Type Examination Certificate relates only to the design and construction of the specified equipment in accordance with Directive 2014/34/EU. Further requirements of this Directive apply to the manufacture of this equipment and its placing on the market. Those requirements are not covered by this certificate.
- (12) The marking of the equipment shall include the following:

 II 2G Ex db eb IIC T5 Gb
 II 2D Ex tb IIIC T100°C Db



Certification department of explosion protection

Hamburg, 2020-08-31

H. Schaffer



(13)

Annex

(14) **EU - Type Examination Certificate EPS 20 ATEX 1 132 X**

Revision 0

(15) Description of equipment:

The measuring head MG-de consists of Ex eb/Ex tb terminal box and an flameproof sensor enclosure connected to it. The measuring head MG-de is used for detection of explosive and toxic gases in hazardous location Zone 1/21.

Electrical data:

$U_n = 20-30VDC$

$I_n = \text{max. } 80mA$

(16) Reference number: 20TH0254

(17) Special conditions for safe use:

The measurement function reliability is not part of this certification.

Ambient temperature range: $-20^{\circ}C$ to $+60^{\circ}C$.

(18) Essential health and safety requirements:

Met by compliance with standards.

Certification department of explosion protection

Hamburg, 2020-08-31

