

# CERTIFICATE

## (1) EU-Type Examination

(2) **Equipment or protective systems intended for use in potentially explosive atmospheres - Directive 2014/34/EU**

(3) EU-Type Examination Certificate Number: **DEKRA 15ATEX0113 X** Issue Number: **2**

(4) Product: **Gas Analyzer GasLab Q2**

(5) Manufacturer: **Elster GmbH**

(6) Address: **Steinern Straße 19-21, 55252 Mainz-Kastel, Germany**

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

(8) DEKRA Certification B.V., Notified Body number 0344 in accordance with Article 17 of Directive 2014/34/EU of the European Parliament and of the Council, dated 26 February 2014, certifies that this product has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of products intended for use in potentially explosive atmospheres given in Annex II to the Directive.

The examination and test results are recorded in confidential test report number NL/DEK/ExTR15.0100/03.

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

**EN 60079-0 : 2012 + A11 : 2013**

**EN 60079-1 : 2014**

except in respect of those requirements listed at item 18 of the Schedule.

(10) If the sign "X" is placed after the certificate number, it indicates that the product is subject to the Specific Conditions of Use specified in the schedule to this certificate.

(11) This EU-Type Examination Certificate relates only to the design and construction of the specified product. Further requirements of the Directive apply to the manufacturing process and supply of this product. These are not covered by this certificate.

(12) The marking of the product shall include the following:



**II 2 G Ex db IIC T4 Gb**

Date of certification: 20 December 2018

DEKRA Certification B.V.

L.G. van Schie  
Certification Manager



(13) **SCHEDULE**

(14) **to EU-Type Examination Certificate DEKRA 15ATEX0113 X**

Issue No. 2

(15) **Description**

The Gas Analyzer Type GasLab Q2 is a compact analyzer comprising two Aluminium compartments in type of protection Ex db. The upper compartment is the termination compartment for power supply and data communication, it is provided with four M20 x 1.5 entries. The lower compartment contains the electronics for processing, gas sensors, touch screen Human Machine Interface HMI and gas connection facilities with flame arrestors. Both compartments comprise Ex db breather elements.

Ambient temperature range -25 °C to +55 °C.

**Electrical data**

Rated voltage: 24 Vdc

Rated power: 96 W

**Installation instructions**

The instructions provided with the product shall be followed in detail to assure safe operation.

(16) **Report Number**

No. NL/DEK/ExTR15.0100/03.

(17) **Specific conditions of use**

Dimensions of the flameproof joints are detailed in the manufacturer's design documents.

For painted models: the housing may only be cleaned with a moist cloth because of potential static charging.

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

Covered by the standards listed at item (9).

(19) **Test documentation**

As listed in Report No. NL/DEK/ExTR15.0100/03.

(20) **Certificate history**

Issue 0 - 218572900	Initial certificate.
Issue 1 - 219722200	Increase of rated power. Misc. changes in confidential documentation.
Issue 2 - 223210600	Change of enclosure materials, minor mechanical changes and addition of nozzle option.