

CERTIFICATE

(1) Type Examination

(2) **Product intended for use in potentially explosive atmospheres - Directive 2014/34/EU**

(3) Type Examination Certificate Number: **DEKRA 20ATEX0097X** Issue Number: **2**

(4) Product: **Filters, Types TMF/K/A/B-*****
Double ball valves, Type TMT-LO-*******

(5) Manufacturer: **TM Filters B.V.**

(6) Address: **Magazijnweg 4, 2404 CE Alphen aan den Rijn,
The Netherlands.**

(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., 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 Directive 2014/34/EU of the European Parliament and of the Council, dated 26 February 2014. The examination and test results are recorded in confidential test report no. NL/DEK/ExTR20.0056/02.

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

EN ISO 80079-36 : 2016

EN ISO 80079-37 : 2016

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 Type Examination Certificate relates only to the design and construction of the specified product and not to the manufacturing process and its monitoring.

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



II 2 G Ex h IIC T6...T1 Gb

for details see the Annex 1 to this certificate

Date of certification: 13 December 2023

DEKRA Certification B.V.

A blue ink signature of L.G. van Schie, the Certification Manager.

L.G. van Schie
Certification Manager

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Throughout this document, a point is used as the decimal separator.

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(13) **SCHEDULE**

(14) **to Type Examination Certificate DEKRA 20ATEX0097X**

Issue No. 2

(15) **Description**

Filters, Types TMF/K/A/B-*-*-*-*-* are used to filter gas or fluid media.
Double ball valves, Type TMT-LO-*-*-*-*-* are used for lube oil applications.

The Filters and Double ball valves are non-electrical equipment, in type of protection constructional safety "c", intended for use in a hazardous area requiring Equipment Protection Level Gb or Gc (external) together with a non-hazardous area inside the equipment.

For the type designation, marking and thermal data see the Annex to this certificate; Annex 1 to Report No. NL/DEK/ExTR20.0056/02.

Installation instructions

The manufacturers instructions shall be followed in detail to assure safe operation.

(16) **Report Number**

NL/DEK/ExTR20.0056/02.

(17) **Specific conditions of use**

The actual ambient temperature range depends on the used materials and is given in the material data sheet as part of the instructions provided with the equipment.

If the equipment is made of light metal, make sure external impact or friction (e.g. impingement or falling of tools) resulting in sparking is prevented.

If a non-metallic coating is applied to the ball valve or filter, the user shall take care that electrostatic charging is prevented.

The equipment has to be properly earthed by using the earthing connection as mentioned on the General Arrangement Drawing.

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

Covered by the standards listed at item (9).

(19) **Test documentation**

As listed in Report No. NL/DEK/ExTR20.0056/02.