



# IECEX Certificate of Conformity

## INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification System for Explosive Atmospheres

for rules and details of the IECEx Scheme visit [www.iecex.com](http://www.iecex.com)

Certificate No.: **IECEX DEK 20.0054X** Page 1 of 3 [Certificate history:](#)  
Status: **Current** Issue No: 0  
Date of Issue: 2020-12-10  
Applicant: **TM Filters B.V.**  
Magazijnweg 4  
Alphen aan den Rijn 2404 CE  
**Netherlands**  
Equipment: **Filters and double ball Valves.**  
Optional accessory:  
Type of Protection: **Ex h, obtained by protection by Constructional safety "c".**  
Marking: **Ex h IIC T6...T1 Gb**

Approved for issue on behalf of the IECEx  
Certification Body:

**R. Schuller**

Position:

**Certification Manager**

Signature:  
(for printed version)

Date:

2020-12-10

1. This certificate and schedule may only be reproduced in full.
2. This certificate is not transferable and remains the property of the issuing body.
3. The Status and authenticity of this certificate may be verified by visiting [www.iecex.com](http://www.iecex.com) or use of this QR Code.



Certificate issued by:

**DEKRA Certification B.V.**  
Meander 1051  
6825 MJ Arnhem  
Netherlands





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Manufacturer: **TM Filters B.V.**  
Magazijnweg 4  
Alphen aan den Rijn 2404 CE  
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Additional  
manufacturing  
locations:

This certificate is issued as verification that a sample(s), representative of production, was assessed and tested and found to comply with the IEC Standard list below and that the manufacturer's quality system, relating to the Ex products covered by this certificate, was assessed and found to comply with the IECEx Quality system requirements. This certificate is granted subject to the conditions as set out in IECEx Scheme Rules, IECEx 02 and Operational Documents as amended

## STANDARDS :

The equipment and any acceptable variations to it specified in the schedule of this certificate and the identified documents, was found to comply with the following standards

**ISO 80079-36:2016** Explosive atmospheres - Part 36: Non-electrical equipment for explosive atmospheres - Basic methods and requirements  
Edition:1.0

**ISO 80079-37:2016** Explosive atmospheres - Part 37: Non-electrical equipment for explosive atmospheres - Non electrical type of protection constructional safety "c", control of ignition source "b", liquid immersion "k"  
Edition:1.0

This Certificate **does not** indicate compliance with safety and performance requirements other than those expressly included in the Standards listed above.

## TEST & ASSESSMENT REPORTS:

A sample(s) of the equipment listed has successfully met the examination and test requirements as recorded in:

Test Report:

[NL/DEK/ExTR20.0056/00](#)

Quality Assessment Report:

[NL/DEK/QAR20.0014/00](#)



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## **EQUIPMENT:**

Equipment and systems covered by this Certificate are as follows:

Filters, Types TMF/K/A/B-\*\*\*\*\*

Double ball valves, Type TMT-LO-\*\*\*\*\*

## **SPECIFIC CONDITIONS OF USE: YES as shown below:**

The ambient temperature range is not regarded 'normal', suitable temperature ranges as detailed in the manual.

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 under all circumstances.

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

## **Annex:**

[224828700-Annex 1 to ExTR20.0056.00\\_1.pdf](#)