



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

Certificate No.:	IECEX DEK 20.0054X	Page 1 of 4	<u>Certificate history:</u>
Status:	Current	Issue No: 2	Issue 1 (2023-06-09) Issue 0 (2020-12-10)
Date of Issue:	2023-12-13		
Applicant:	TM Filters B.V. Magazijnweg 4 2404 CE Alphen aan den Rijn Netherlands		
Equipment:	Filters and double ball Valves.		
Optional accessory:			
Type of Protection:	Constructional safety "c"		
Marking:	Ex h IIC T6...T1 Gb for details see the Annex 1 to this certificate		

Approved for issue on behalf of the IECEx
Certification Body:

L.G. van Schie

Position:

Certification Manager

Signature:
(for printed version)

Date:
(for printed version)

2023-12-13

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 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
2404 CE Alphen aan den Rijn
Netherlands

Manufacturing
locations: **TM Filters B.V.**
Magazijnweg 4
2404 CE Alphen aan den Rijn
Netherlands

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/ExTR20.0056/02](#)

Quality Assessment Report:

[NL/DEK/QAR20.0014/02](#)



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EQUIPMENT:

Equipment and systems covered by this Certificate are as follows:

Filters, Type 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 more information about the nomenclature, marking details and thermal data see the Annex 1.

SPECIFIC CONDITIONS OF USE: YES as shown below:

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.



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DETAILS OF CERTIFICATE CHANGES (for issues 1 and above)

Addition of new sealing materials.

Annex:

[228215300-Annex 1 to ExTR20.0056.02.pdf](#)