

[12]

The marking of the equipment or protective system shall include the following:



II 2G Ex db eb IIC T* Gb, Ex eb IIC T* Gb, II 2D Ex tb IIIC T*°C Db

Ta: -45°C to +40°C

II 2G Ex db eb IIC T* Gb, Ex eb IIC T* Gb, II 2D Ex tb IIIC T*°C Db

Ta: -45°C to +55°C

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Date: 28/05/2026

**Advanced Consulting and Engineering****Iberia SL**

Notified Body No NB3024

Matteo Marconi, CEO

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[13]

SCHEDULE

[14]

EU-Type Examination Certificate No: ACE26ATEX011X Rev00

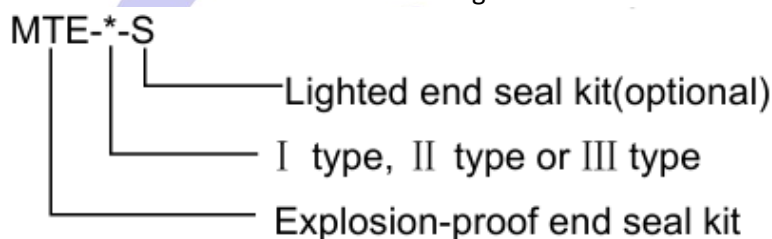
[15]

Description of equipment

The explosion-proof end seal kit are designed for pipe mounting and the termination of specified trace heating cable. They are rated at 100-277 V AC. Both MTE- I -S and MTE- II -S type explosion-proof end seal kit are composed of an flameproof cavity and an increased-safety cavity. The light source should be installed in the flameproof cavity. Terminal blocks should be installed in the increased safety cavity. The MTE- I -S and MTE- II -S type are mainly used for the end of the electric heat tracing cable as signal to show the on-off of electric heat tracing. The MTE-III type has the same structure as the MTE- I -S type, except that it lacks an flameproof cavity and is only composed of an increased-safety cavity, which is mainly used for the end of electric heat tracing cable which do not need signal indication. The explosion-proof end seal kit are designed for use with the range of heating cable please see the instruction manual.

The IP of equipment is IP 66

The nomenclature of model is as following:



The relationship between Ex marking and models is as follows:

Model	Ex Marking
MTE- I -S	II 2G Ex db eb IIC T* Gb, II 2D Ex tb IIIC T*°C Db
MTE- II -S	
MTE- III	II 2G Ex eb IIC T* Gb, II 2D Ex tb IIIC T*°C Db

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[13]

SCHEDULE

[14]

EU-Type Examination Certificate No: ACE26ATEX011X Rev00

[16]

Test documents are listed in the test report nº

EX_GEN003_26_26-205 , EX_EXD003_26_26-205, EX_EXE005_26_26-205, EX_EXT004_26_26-205

[17]

Special conditions for safe use

1. The explosion-proof end seal kit is designed for use with heating cables, and the available heating cable models can be found in the instructions. At the same time, it is necessary to comply with the requirements of the instructions for heating cables.
2. The maximum service temperature of the explosion-proof end seal kit is limited to 100°C, this may be further limited by the type of heating cable that is being used, therefore. When fitting the explosion-proof end seal kit, the user/ installer shall take into account any restrictions that are applicable to the cable.
3. The flameproof joints are not intended to be repaired.
4. The explosion-proof end seal kit temperature class rating is based on the temperature class rating of the installed cable.
5. The clamping device inside the wiring chamber should be installed according to the instructions, and the installation of heating cables in the wiring chamber should meet the requirements of creepage distance and clearance in EN 60079-7.
6. The user shall provide additional clamping of the cable to ensure that pulling is not transmitted to the terminations.
7. The equipment shall be installed in such a way that the risk of mechanical danger is low.
8. When installing cables, end users must comply with the requirements of the instructions

[18]

Essential Health and Safety Requirements
Are fulfilled by the harmonized standard

[19]

Documents and technical datasheets:

Title	Object	Revision	Date
MTE- I -* EXPLOSION PROOF END SEAL KIT	2MAM 000 010.1	Rev.0	2023.3.24
Lampshade	2MAM 001 001	Rev.0	2023.3.24
Heat Sinks	2MAM 009 046	Rev.0	2023.3.24
Waterproof gasket	2MAM 008 003	Rev.0	2023.3.24
Lamp head connecting plate	2MAM 001 002	Rev.0	2023.3.24
Lighted end seal kit base	2MAM 010 015	Rev.0	2023.3.24
Clamping ring	2MAM 010 017	Rev.0	2023.3.24
Thread clamp	2MAM 010 016	Rev.0	2023.3.24
Silicone rubber seal	2MAM 010 018	Rev.0	2023.3.24
MTE- II -*-S EXPLOSION	2MAM 000 010.2	Rev.0	2023.3.24

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EU-Type Examination Certificate

Certificate No:

ACE26ATEX011X

Rev00

Issued: 28/05/2026

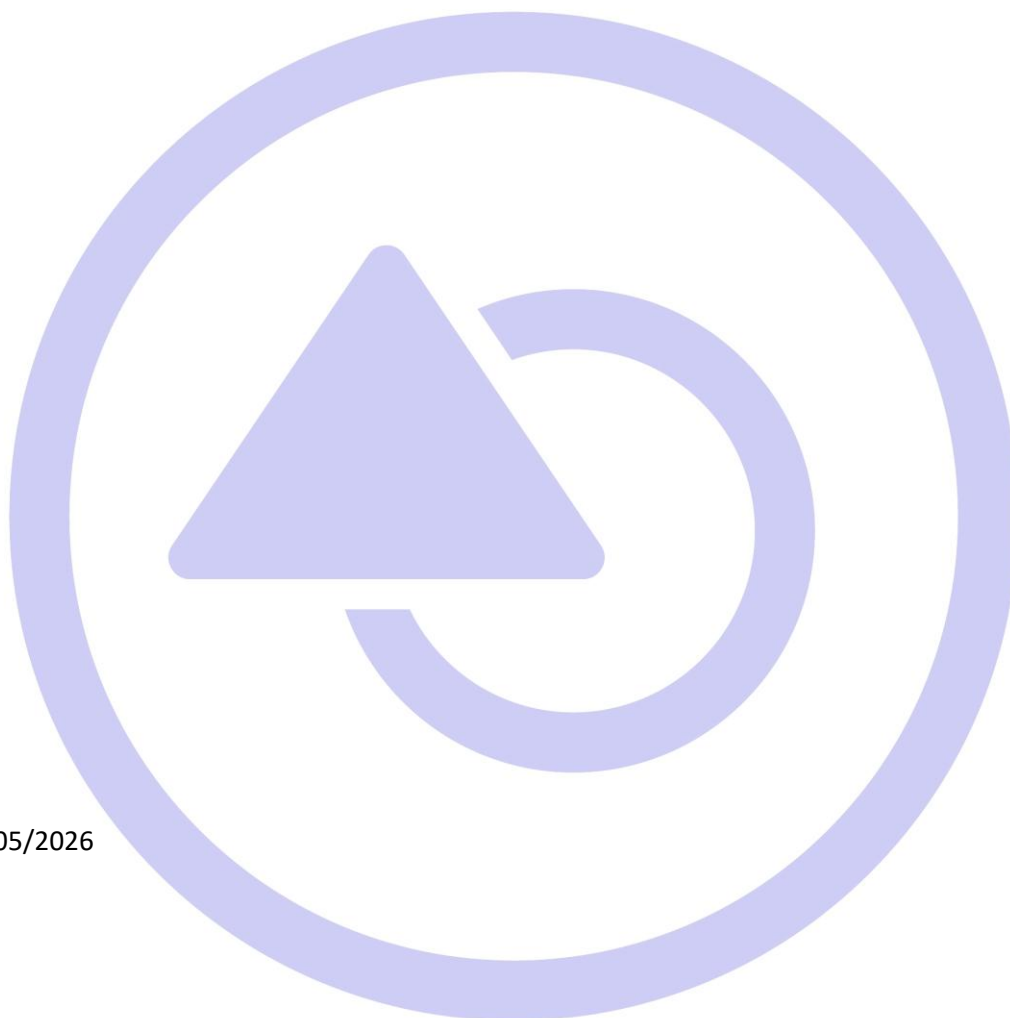
PROOF END SEAL KIT			
Joint head seal	2MAM 008 008	Rev.0	2023.3.24
Tail light connector (lower)	2MAM 010 098	Rev.0	2023.3.24
Waterproof ring	2MAM 008 007	Rev.0	2023.3.24
Tail light base connection tube	2MAM 010 097	Rev.0	2023.3.24
Tail light rubber sub	2MAM 008 006	Rev.0	2023.3.24
KMRS Tail Light Base	2MAM 010 096	Rev.0	2023.3.24
MTE-III EXPLOSION-PROOF END SEAL KIT	2MAM 000 010.3	Rev.0	2023.3.24
covers	2MAM 003 029	Rev.0	2023.3.24
Nameplate	2MAM 000 016.1~2	Rev.0	2023.3.24
Installation, operation and maintenance Manual	2MAM 010 109	Rev.0	2022.12.12
MTE Series EXPLOSION PROOF END SEAL KIT Adhesive Process Code	0MAM 016 001.2	Rev.0	2023.10.10
IECEX report	Report No: CN/PCET/ExTR25.0055/00 Lab: Shanghai Inspection and Testing Institute of Instruments and Automatic Systems Co., Ltd. (SITIIAS)	0	2025.10.24

The documents above-mentioned are strictly confidential and they are of only use of authorities.
A copy of the documents are saved by A.C.&E. Iberia S.L.

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[20] Certificate History

Number of certificate	Rev.	Comments	Date
ACE26ATEX012X	00	First emission	28/05/2026



Date: 28/05/2026



**Advanced Consulting and Engineering
Iberia SL**
Notified Body No NB3024

Matteo Marconi, CEO

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