



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 FMG 18.0033X** Page 1 of 4 Certificate history:
Status: **Current** Issue No: 4 Issue 3 (2020-11-23)
Date of Issue: 2021-07-06 Issue 2 (2020-05-05)
Applicant: **MSA - The Safety Company** Issue 1 (2020-01-20)
1000 Cranberry Woods Dr. Cranberry Twp PA 16066, USA Issue 0 (2019-10-14)
United States of America
Equipment: **Adapter, NPT Plug, Metric Plug**
Optional accessory:
Type of Protection: **FLameproof, Dust Ignitionproof**
Marking: Ex db eb IIC Gb
Ex tb IIIC Db
The T-Class is dependent on the equipment that the Adpater and Plugs are used with.

Approved for issue on behalf of the IECEx
Certification Body:

J. E Marquedant

Position:

VP, Manager - Electrical Systems

Signature:
(for printed version)

Date:

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:

FM Approvals LLC
1151 Boston-Providence Turnpike
Norwood, MA 02062
United States of America





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Manufacturer: **MSA - The Safety Company**
1000 Cranberry Woods Dr. Cranberry Twp PA 16066, USA
United States of America

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

[IEC 60079-0:2017](#) Explosive atmospheres - Part 0: Equipment - General requirements
Edition:7.0

[IEC 60079-1:2014-06](#) Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"
Edition:7.0

[IEC 60079-31:2013](#) Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure "t"
Edition:2

[IEC 60079-7:2017](#) Explosive atmospheres - Part 7: Equipment protection by increased safety "e"
Edition:5.1

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 Reports:

[US/FMG/ExTR18.0028/01](#)
[US/FMG/ExTR18.0028/04](#)

[US/FMG/ExTR18.0028/02](#)

[US/FMG/ExTR18.0028/03](#)

Quality Assessment Reports:

[FR/INE/QAR08.0011/10](#)

[FR/INE/QAR08.0011/11](#)



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EQUIPMENT:

Equipment and systems covered by this Certificate are as follows:

P/N 10203506 Adapter M25 to ¾ NPT, 33mm Hex

P/N 10203507 XP Conduit Plug, M25,

P/N 10177576 XP Conduit Plug, ¾-14 NPT, Stainless Steel

SPECIFIC CONDITIONS OF USE: YES as shown below:

Flamepath joints are not designed to be repaired

Do NOT use blanking elements with the adapter

The ambient temperature range is -60°C to +150°C

Apply an applicable thread sealant to the threads of the plug or adapter. Only required for NPT threads, for IPX6/X8/X4, Type 4, or for 'eb' applications.



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DETAILS OF CERTIFICATE CHANGES (for issues 1 and above)

Label drawing and Instruction manual changes due to the addition of the UKEx markings, no technical changes to the IECEx portion of these documents.