



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 BVS 20.0047X** Page 1 of 4 [Certificate history:](#)
Status: **Current** Issue No: 0
Date of Issue: 2020-10-08
Applicant: **G.M. International S.R.L.**
Via Mameli 53/55
20852 Villasanta (MB)
Italy
Equipment: **Temperature Converter module types D6072S, D6072D, D6072S-087, D6072D-087, D6072S-096, D6072D-096, D6072S-099, D6072D-099, D6072S-xxx and D6072D-xxx**
Optional accessory:
Type of Protection: **Increased Safety "e"**
Marking: **Ex ec IIC T4 Gc**

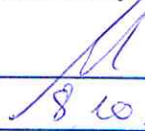
Approved for issue on behalf of the IECEx
Certification Body:

Jörg Koch

Position:

Head of Certification Body

Signature:
(for printed version)


8.10.2020

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:

DEKRA Testing and Certification GmbH
Certification Body
Dinnendahlstrasse 9
44809 Bochum
Germany

 **DEKRA**
On the safe side.



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Manufacturer: **G.M. International S.R.L.**
Via Mameli 53/55
20852 Villasanta (MB)
Italy

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 60079-7:2017 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 Report:

[DE/BVS/ExTR20.0066/00](#)

Quality Assessment Report:

[NO/DNV/QAR07.0005/09](#)



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EQUIPMENT:

Equipment and systems covered by this Certificate are as follows:

Subject and Type

Temperature Converter module type D6072S, D6072D, D6072S-087, D6072D-087, D6072S-096, D6072D-096, D6072S-099, D6072D-099
The extended DIN Rail Isolator type series D6072*, D6072*-xxx, comprises the following models:

Temperature Converter type D6072*, D6072*-099

Resistance Repeater type D6072*-087

Thermocouple/mV Repeater type D6072*-096

In the full designation of type D6072*, D6072*-xxx the "*" is replaced by letters marking details of construction as follows:

S = single channel

S-xxx = single channel

D = dual channel

D-xxx = dual channel

(Option 'xxx' = non Ex -relevant details of function)

Description:

Temperature Converter type D6072*, D6072*-xxx, D6072*-087, D6072*-096, D6072*-099

Temperature Converter D6072 series provide single or dual channel conversion of temperature sensor signals (e.g. thermocouples 2, 3, 4 wire resistance temperature detectors RTD, 'mV' sources or transmitting potentiometers) from equipment located in potentially hazardous areas and provide galvanic separation of field circuits from system circuits.

Available versions of the Temperature Converter

Single channel: type D6072S, D6072S-xxx, D6072S-087, D6072S-096, D6072S-099

Dual channel: type D6072D, D6072D-xxx, D6072D-087, D6072D-096, D6072D-099

SPECIFIC CONDITIONS OF USE: YES as shown below:

- The Temperature Converter shall be installed in an area of at least pollution degree 2 according to IEC 60664-1.
- For hazardous location, the Temperature Converter shall be installed in a certified Ex enclosure that provides a minimum ingress protection of IP54 in accordance with IEC 60079-0.



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Equipment (continued):

Rating:

DIN Rail Isolator version	Voltage	Power
D6072D, D6072D-087, D6072D-099	24 V DC typical (18 to 30 V DC)	1.40 W
D6072S, D6072S-087, D6072S-099		0.90 W
D6072D-096		1.00 W
D6072S-096		0.75 W