



# 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)

### Ex COMPONENT CERTIFICATE

Certificate No.: **IECEx FIDI 22.0007U** Page 1 of 3 [Certificate history:](#)

Status: **Current** Issue No: 0

Date of Issue: 2022-12-06

Applicant: **GIOVENZANA International B.V.**  
WTC Strawinskyalaan, 1105, 1077 X  
Amsterdam  
**Netherlands**

Ex Component: Empty enclosures series A...; G...; SB...; ST...

*This component is NOT intended to be used alone and requires additional consideration when incorporated into other equipment or systems for use in explosive atmospheres (refer to IEC 60079-0).*

Type of Protection: **Increased safety 'eb'; Protection by enclosures 'tb'**

Marking: Ex eb IIC Gb  
Ex tb IIIC Db

Approved for issue on behalf of the IECEx  
Certification Body:

**Marino Kelava**

Position:

**Certification Signatory**

Signature:  
(for printed version)

Date:  
(for printed version)

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:

**Fiditas Ltd**  
**Slavka Tomerlina 44**  
**HR-10361 Zagreb-Sesvete**  
**Croatia**



**Fiditas**  
explosion safety solutions



# IECEx Certificate of Conformity

Certificate No.: **IECEx FIDI 22.0007U**

Page 2 of 3

Date of issue: 2022-12-06

Issue No: 0

Manufacturer: **GIOVENZANA International B.V.**  
WTC Strawinskylaan, 1105, 1077 X  
Amsterdam  
**Netherlands**

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 component 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 60079-31:2013** 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 component listed has successfully met the examination and test requirements as recorded in:

Test Report:

**HR/FIDI/ExTR22.0014/00**

Quality Assessment Report:

**IT/IMQ/QAR15.0002/07**



# IECEx Certificate of Conformity

Certificate No.: **IECEx FIDI 22.0007U**

Page 3 of 3

Date of issue: 2022-12-06

Issue No: 0

## Ex Component(s) covered by this certificate is described below:

Empty enclosures series A...; G...; SB...; ST... are made of stainless steel, aluminium alloy or GRP (Glass Fiber Reinforced Polyester) of various dimension.

The cover of A...; G...; SB... is fixed to the body with screws and locking device (if required). The cover of ST-... is fixed to the body with locking device only. The walls of the enclosures can be drilled with maximum size and maximum number of holes as specified in manufacturer's documentation. The enclosures can be provided with:

- hinges;
- transparent windows;
- locking devices;
- swing handle;
- removable flange;
- glands plate;
- internal earthing plate or lug, earthing screw or bolt.

Metallic enclosures are provided with external earthing screws or bolts. Metal and GRP enclosures can be provided by passing through earthing screw or bolt. Connection of metallic enclosures in blocks are allowed.

For other information see Annex 1

## SCHEDULE OF LIMITATIONS:

- Enclosures series A...; G...; SB...; ST... are Ex component, are not intended to be used alone and requires additional consideration by the conformity assessment procedure when incorporated into electrical apparatus or systems.
- Enclosures series A...; G...; SB...; ST... are suitable for the service temperature: from -50°C to +105°C.
- Installation of cable entries or plugs and drillings in walls/lid shall be in accordance with Manufacturer's instructions. The suitability of all entries should be considered during equipment certification.
- Enclosures equipped with polycarbonate transparent parts, painted enclosures having paint layer thickness more than 0,2 mm, and not antistatic polyester enclosures (other than the black coloured ones): clean only by damp cloth or antistatic products.

## Annex:

[IECEx FIDI 22.0007U Annex1 to issue 0.pdf](#)



# IECEX Certificate of Conformity

IECEX FIDI 21.0012U, issue: 0  
Annex 1  
Date: 2022-12-06

Empty enclosures series A...; G...; SB...; ST... are made of stainless steel, aluminium alloy or GRP (Glass Fiber Reinforced Polyester) of various dimension.

The cover of A...; G...; SB... is fixed to the body with screws and locking device (if required). The cover of ST... is fixed to the body with locking device only. The walls of the enclosures can be drilled with maximum size and maximum number of holes as specified in manufacturer's documentation. The enclosures can be provided with:

- hinges;
- transparent windows;
- locking devices;
- swing handle;
- removable flange;
- glands plate;
- internal earthing plate or lug, earthing screw or bolt.

Metallic enclosures are provided with external earthing screws or bolts. Metal and GRP enclosures can be provided by passing through earthing screw or bolt. Connection of metallic enclosures in blocks are allowed.

## Technical data:

Service temperature:	-50°C to +105°C
Mechanical protection:	IP66
	IP66/67 (series *SB.... series only, without the swing handle element)

## Type identification code:

A (2) (3) (4) EX	<b>A</b> – 'A' series of enclosure - Aluminium empty enclosure <b>(1) (2) (3)</b> – dimension of enclosure, in 'cm'
G (1) (2) (3) EX	<b>G</b> – 'G' series of enclosure - Glass fibre reinforced polyester resin (GRP) empty enclosure <b>(1) (2) (3)</b> – dimension of enclosure, in 'cm'
SB (1) (2) (3) EX	<b>SB</b> – SB series of enclosure – Stainless steel empty enclosure <b>(1) (2) (3)</b> – dimension of enclosure, in 'cm'
ST - (1) (2) (3) EX	<b>ST</b> – ST series of enclosure <b>(1) (2) (3)</b> – dimension of enclosure, in 'cm'

**Model sizes:**

Polyester G series Types	Aluminium A series Types	Stainless steel SB series Types	Stainless steel ST series Types
G080806EX	A080806EX	SB101210EX	ST101210EX
G080808EX	A081306EX	SB151510EX	ST151510EX
G081106EX	A081806EX	SB142013EX	ST142013EX
G081606EX	A081808EX	SB202010EX	ST202010EX
G081906EX	A082505EX	SB202016EX	ST202016EX
G121209EX	A082508EX	SB202713EX	ST202713EX
G122209EX	A101008EX	SB272713EX	ST272713EX
G161609EX	A101508EX	SB203016EX	ST203016EX
G162609EX	A101608EX	SB273513EX	ST273513EX
G163609EX	A102008EX	SB282816EX	ST282816EX
G252612EX	A121208EX	SB204016EX	ST204016EX
G252616EX	A122209EX	SB353516EX	ST353516EX
G254012EX	A141409EX	SB282827EX	ST282827EX
G254016EX	A142009EX	SB355016EX	ST355016EX
G256010EX	A161609EX	SB383816EX	ST383816EX
G414012EX	A162410EX	SB384516EX	ST384516EX
G414016EX	A162609EX	SB385716EX	ST385716EX
	A181810EX	SB505016EX	ST505016EX
	A182810EX	SB383827EX	ST383827EX
	A202311EX	SB575716EX	ST575716EX
	A202318EX	SB577620EX	ST577620EX
	A232811EX	SB575730EX	ST575730EX
	A233312EX	SB769520EX	ST769520EX
	A233318EX	SB1258040EX	ST1258040EX

For stainless steel enclosures: dimensions (2) and (3) can be decreased or increased up to 20%, dimensions (4) can be increased up to 500 mm. Model name changes consequently.