



IECEx Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification Scheme for Explosive Atmospheres

for rules and details of the IECEx Scheme visit www.iecex.com

Certificate No.:	IECEx EXA 17.0002U	Issue No: 0	Certificate history: Issue No. 0 (2017-01-30)
Status:	Current	Page 1 of 3	
Date of Issue:	2017-01-30		
Applicant:	Glovenzana International B.V. Strawinskylaan 1105 1077 XX Amsterdam The Netherlands		
Equipment:	Microswitch, MFI-EX series		
Optional accessory:			
Type of Protection:	Ex dc, Ex ec		
Marking:	Ex dc ec IIB Gc		

Approved for issue on behalf of the IECEx
Certification Body:

Damir Korunić

Position:

Certification officer

Signature:
(for printed version)

Date:

Damir Korunić

2017-01-30



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 the [Official IECEx Website](http://www.iecex.com).

Certificate issued by:

Agencija za prostore ugrožene eksplozivnom atmosferom (Ex-

Agencija)
Industrijska 25
HR-10431 Sveta Nedelja
Croatia





IECEx Certificate of Conformity

Certificate No: IECEx EXA 17.0002U

Issue No: 0

Date of Issue: 2017-01-30

Page 2 of 3

Manufacturer: **Giovenzana International B.V.**
trawinskylaan 1105
1077 XX Amsterdam
The Netherlands

Additional Manufacturing location(s):

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 electrical apparatus 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 : 2011 Edition:6.0	Explosive atmospheres - Part 0: General requirements
IEC 60079-1 : 2014-06 Edition:7.0	Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"
IEC 60079-7 : 2015 Edition:5.0	Explosive atmospheres – Part 7: Equipment protection by increased safety "e"

*This Certificate **does not** indicate compliance with electrical 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:

[HR/EXA/ExTR17.0003/00](#)

Quality Assessment Report:

[IT/IMQ/QAR15.0002/01](#)



IECEx Certificate of Conformity

Certificate No: IECEx EXA 17.0002U

Issue No: 0

Date of Issue: 2017-01-30

Page 3 of 3

Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

The microswitch MFI-EX is intended to be used as NO or NC contact in areas requiring EPL Gc. The MFI-EX is designed with NO contact and NC (Positive opening NC contact) in Silver alloy. The contacts are protected by a thermoplastic resin enclosure when coupled together with the rest of components. The MFI-EX apparatus is designed with screw terminals.

Manufacturer's instruction for use No. I.4.20.16, Rev00, dated 2016/07.

Schedule of limitations:

1. The microswitch is a component intended for internal mounting. Manufacturer's instruction for use shall be followed.
2. Service temperature range of the switch is (-20°C) to $(+89^{\circ}\text{C})$.

CONDITIONS OF CERTIFICATION: NO