



# 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 EPS 13.0038U** Page 1 of 4 [Certificate history:](#)  
Issue 0 (2013-12-09)

Status: **Current** Issue No: 1

Date of Issue: 2020-07-13

Applicant: **COELBO S.r.l.**  
V. Santa Margherita, 83  
20861 Brugherio (MB)  
Italy

Ex Component: Flexible conduits Type F, IP, IC Series

*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: **"db", "tb"**

Marking: Ex db IIC Gb  
Ex tb IIIC Db IP66/67

Approved for issue on behalf of the IECEx  
Certification Body:

**Holger Schaffer**

Position:

**Certification Manager**

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](http://www.iecex.com) or use of this QR Code.



Certificate issued by:

**Bureau Veritas Consumer Products Services Germany GmbH**  
Businesspark A96  
86842 Türkheim  
Germany





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Page 2 of 4

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Manufacturer: **COELBO S.r.l.**  
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20861 Brugherio (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 60079-1:2014-06** 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

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/EPS/ExTR13.0040/01](#)

Quality Assessment Report:

[IT/CES/QAR10.0009/10](#)



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Certificate No.: **IECEX EPS 13.0038U**

Page 3 of 4

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Issue No: 1

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

The Flexible Conduit Series F, IP, IC ... are ranges of conduit assemblies intended for the passage of cabling between flameproof enclosures. Different lengths, threadings and thread size are possible.

**SCHEDULE OF LIMITATIONS:**

This component shall be only installed together with certified conduit sealing device entries.

The conduit assembly is capable of meeting a degree of ingress protection of IP66/67. This condition will only be met when each end is fitted in the appropriate manner to the associated suitably certified conduit sealing device having an ingress protection rating of IP66/67.

The routine overpressure test according to IEC 60079-1 must be carried out with 40bar.



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Certificate No.: **IECEx EPS 13.0038U**

Page 4 of 4

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**DETAILS OF CERTIFICATE CHANGES (for issues 1 and above)**  
Standards updated.