



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 EPS 13.0037X** Page 1 of 4 [Certificate history:](#)
Issue 0 (2013-12-09)

Status: **Current** Issue No: 1

Date of Issue: 2020-07-21

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

Equipment: **Magnetic proximity switch series IM**

Optional accessory:

Type of Protection: **"db", "tb"**

Marking: Ex db IIC T6/T5 Gb
Ex tb IIIC T85°C/T100°C Db IP66

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 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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Manufacturer: **COELBO S.r.l.**
V. Santa Margherita, 83
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/ExTR13.0039/02](#)

Quality Assessment Report:

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



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EQUIPMENT:

Equipment and systems covered by this Certificate are as follows:

Proximity switch contact is situated inside Ex-db housing. Connection is made by certified cable gland or by certified terminal box connected via sealed conduit.

SPECIFIC CONDITIONS OF USE: YES as shown below:

For external connection of IM switch only certified Ex db cable gland or conduit entries plus terminal box shall be used. Special conditions of these components must be respected.

For permanent cable connection a suitable cable must be used concerning mechanical strength and temperature requirements. The loose leads of the cable must be installed either outside hazardous location or protected by type of protection according to IEC 60079-0

Ambient temperature range:

-50°C to + 60°C for T6/T85°C

-50°C to + 80°C for T5/T100°C



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