



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 13.0034** Page 1 of 4 [Certificate history:](#)
Issue 0 (2013-11-26)

Status: **Current** Issue No: 1

Date of Issue: 2020-07-13

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

Equipment: **Limit switch series LS**

Optional accessory:

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

Marking: Ex db I Mb
Ex db IIB+H2 65°C/T6/T5 Gb
Ex tb IIIC T65°C/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
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/ExTR13.0036/02](#)

Quality Assessment Report:

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



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EQUIPMENT:

Equipment and systems covered by this Certificate are as follows:

The limit switch series LS are constructed as light alloy flameproof enclosure with flange joint for using in Groups IIB+H2 and IIIC. This equipment is also available in stainless steel AISI 316L, brass OT58 or cast iron for using in Groups I, IIB+H2 and IIIC. Inside switch contact and actuator construction can be various.

Electrical data:

maximum supply voltage: 500VAC / 250VDC

maximum current: 10A

Ambient temperature range:

-50°C to +60C (T6-T85°C) or

-50°C to +80°C (T5-T100°C) or

-50°C to +40°C (65°C-T65°C for max 600 operation/h)

SPECIFIC CONDITIONS OF USE: NO



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