



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.: issue No.: Certificate history:

Status:

Date of Issue: Page 1 of 3

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

Electrical Apparatus: **Limit switch series LS**
 Optional accessory:

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

Marking: **Ex d I Mb**
Ex d IIB+H2 65°C/T6/T5 Gb
Ex Ib IIIC T65°C/T85°C/T100°C Db IP66

Approved for issue on behalf of the IECEx Certification Body:

Dieter Zitzmann

Position:

Certification manager

Signature:
 (for printed version)


 26.11.2013

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

Certificate issued by:

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





IECEx Certificate of Conformity

Certificate No.: IECEx EPS 13.0034

Date of Issue: 2013-11-26

Issue No.: 0

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

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 : 2007-04 Edition: 6	Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"
IEC 60079-31 : 2008 Edition: 1	Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure 't'

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:
[DE/EPS/ExTR13.0036/00](#)

Quality Assessment Report:
[IT/CES/QAR10.0009/03](#)



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Schedule

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 +60 °C (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)

CONDITIONS OF CERTIFICATION: NO