



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 EPS 13.0033 Issue No: 1 Certificate history:
Status: **Current** Page 1 of 4 Issue No. 1 (2014-02-18)
Date of Issue: **2014-02-18** Issue No. 0 (2013-11-26)
Applicant: **COELBO S.r.l.**
V. Santa Margherita, 83
20861 Brugherio (MB)
Italy
Electrical Apparatus: **Limit switch series PS**
Optional accessory:
Type of Protection: **"d", "tb"**
Marking:
Ex d I Mb
Ex d IIC 65°C/T6/T5 Gb
Ex tb IIIC T65°C/T85°C/T100°C Db IP66/67

Approved for issue on behalf of the IECEx
Certification Body:

Dieter Zitzmann

Position:

Certification manager

Signature:
(for printed version)

Date:

2014-02-18

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





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Manufacturer: **COELBO S.r.l.**
V. Santa Margherita, 83
20861 Brugherio (MB)
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 Explosive atmospheres - Part 0: General requirements

Edition:6.0

IEC 60079-1 : 2007-04 Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"

Edition:6

IEC 60079-31 : 2008 Explosive atmospheres – Part 31: Equipment dust ignition protection by enclosure 't'

Edition:1

*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/ExTR13.0035/00](#)

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 PS are constructed as light alloy flameproof enclosure with screwed cover for using in Groups IIC and IIIC. This equipment is also available in stainless steel AISI 316L, brass OT58 or cast iron for using in Groups I, IIC and IIIC. Inside switch contact and actuator 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)

CONDITIONS OF CERTIFICATION: NO



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DETAILS OF CERTIFICATE CHANGES (for issues 1 and above):

Addition of IP66/67 rating