



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 CML 15.0049X Issue No: 0 Certificate history:
Issue No. 0 (2017-06-01)

Status: **Current**

Date of Issue: **2017-06-01** Page 1 of 3

Applicant: **Golden Mountain Enterprise Co., Ltd**
No.9 Lane 133,
Xing-Hua St.,
Chien-Chen Dist Kaohsiung 806,
Taiwan

Equipment: **Pressure switch**
Optional accessory:

Type of Protection: **Flameproof and dust protected**

Marking:
Ex db IIB+H2 T6 Gb
Ex tb IIIC T85°C Db

Approved for issue on behalf of the IECEx
Certification Body:

D R Stubbings MIET

Position:

Technical Director

Signature:
(for printed version)

Date:

2017-06-01

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:

Certification Management Limited
Unit 1, Newport Business Park
New Port Road
Ellesmere Port
CH65 4LZ
United Kingdom





IECEX Certificate of Conformity

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Manufacturer: **Golden Mountain Enterprise Co., Ltd**
No.9 Lane 133,
Xing-Hua St.,
Chien-Chen Dist Kaohsiung 806,
Taiwan

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 : 2014-06 Edition:7.0	Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"
IEC 60079-31 : 2013 Edition:2	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:

[GB/CML/ExTR15.0052/00](#)

Quality Assessment Report:

[GB/CML/QAR17.0012/00](#)



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Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

The Pressure Switch is a cast aluminium flameproof enclosure that contains up to two micro switches that are activated by a control rod that is in turn moved by a diaphragm. Connection to the enclosure is via one or two threaded entries using suitably approved cable glands.

SPECIFIC CONDITIONS OF USE: YES as shown below:

Refer to annex

Annex:

[Annex IECEx CML 15.0049X.pdf](#)

Annexe to: IECEx CML 15.0049X Issue 0
Applicant: Golden Mountain Enterprise Co., Ltd
Apparatus: Pressure switch



Description

The Pressure Switch is a cast aluminium flameproof enclosure that contains up to two micro switches that are activated by a control rod that is in turn moved by a diaphragm. Connection to the enclosure is via one or two threaded entries using suitably approved cable glands.

There are several model numbers as listed below:

Model	Micro switches	Rating
PS 1000X	2	Max 250VAC 15A
PS 2000X	2	Max 250VAC 15A
PS2100X	2	Max 250VAC 15A
PS 2200X	2	Max 250VAC 15A
PSA 2000X	1	Max 250VAC 15A
PSA 2100X	1	Max 250VAC 15A
PSA 2200X	1	Max 250VAC 15A
DPS 2100X	2	Max 250VAC 15A
DPS 2200X	2	Max 250VAC 15A

The model numbers will have a suffix that indicates other options that do not effect explosion safety, such as pressure range.

Conditions of Manufacturer

The following are conditions of manufacture:

- 1 Where the product incorporates safety critical components the manufacturer shall ensure that any changes to those parts or components do not affect the compliance of the certified product that is the subject of this certificate.

Conditions of Certification

1. The length of the control rod flamepath is 27mm, this differs to that of Table 3 of IEC 60079-1 Ed 7

