



国家防爆

防爆合格证

制造单位 BARTEC GmbH
 (Max-Eyth-Stra ß e 16 97980 Bad Mergentheim Germany)

产品名称 SILAS 控制系统

型号规格 A7-3741-1**0/****

防爆标志 Ex nA nC [pz] IIC T4 Gc, Ex nA nC [pz] IIC T6 Gc,
 Ex tD [pz] A22 IP54 T85°C

产品标准 —

总装图号 —

经对上述产品图样及技术文件的审查和样品检验,确认符合下列标准:
 GB3836.1-2010《爆炸性环境 第1部分:设备 通用要求》
 GB/T3836.5-2017《爆炸性环境 第5部分:由正压外壳“p”保护的设 备》
 GB3836.8-2014《爆炸性环境 第8部分:由“n”型保护的设 备》
 GB 12476.1-2013 《可燃性粉尘环境用电气设备 第1部分:通用要求》
 GB 12476.5-2013 《可燃性粉尘环境用电气设备 第5部分:外壳保护型“tD”》

记事:
 见附页。

中心主任

颁发日期

2018年4月19日

本证有效期

2018年4月19日至2023年4月18日



国家防爆电气产品质量监督检验中心
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防爆合格证 (附页)

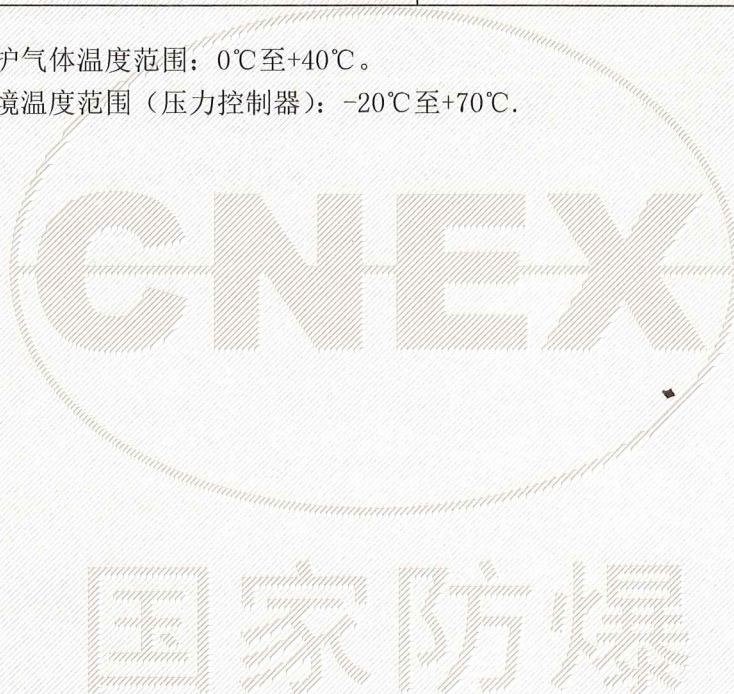
- 1、转证, 原证书号 IECEX TUN 10.0030X。
- 2、本设备不适用于可产生强烈静电荷的设备或工艺流程。
- 3、技术参数:

SILAS 控制系统的温度组别取决于最大环境温度:

环境温度范围	温度组别
-20℃至+40℃	T6
-20℃至+60℃	T4

允许的保护气体温度范围: 0℃至+40℃。

允许的环境温度范围 (压力控制器): -20℃至+70℃。



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国家防爆

Electrical Apparatus for Explosive Atmospheres CERTIFICATE OF CONFORMITY

Cer. No.: CNEx18.1490X

Manufacturer BARTEC GmbH
(Address: Max-Eyth-Strasse 16 97980 Bad Mergentheim Germany)

Name of Product Control System SILAS

Type of Product A7-3741-1**0/****

Marking Ex nA nC [pz] IIC T4 Gc, Ex nA nC [pz] IIC T6 Gc,
Ex tD [pz] A22 IP54 T85°C

Standard —

Drawing No. —

The drawings, technical documents and the samples are verified and certified according to standard(s) for safety as below:

GB3836.1-2010 Explosive atmospheres – Part 1: Equipment-General requirements

GB/T3836.5-2017 Explosive atmospheres – Part 5: Equipment protection by pressurized enclosure “p”

GB3836.8-2014 Explosive atmospheres – Part 8: Equipment protection by type of protection “n”

GB 12476.1-2013 Electrical apparatus for use in the presence of combustible dust – Part 1: General requirements

GB 12476.5-2013 Electrical apparatus for use in the presence of combustible dust – Part 5: Protection by enclosures “tD”

Note See Annex.

Valid Date From Apr 19, 2018 to Apr 18, 2023

Issue Date Apr 19, 2013

Director



**CHINA NATIONAL QUALITY SUPERVISION AND TEST CENTRE
FOR EXPLOSION PROTECTED ELECTRICAL PRODUCTS**

Address: No.20 North Zhongjing Rd, Nanyang, Henan(473008), P.R.China
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Electrical Apparatus for Explosive Atmospheres

CERTIFICATE OF CONFORMITY

Cer. No.: CNEx18.1490X

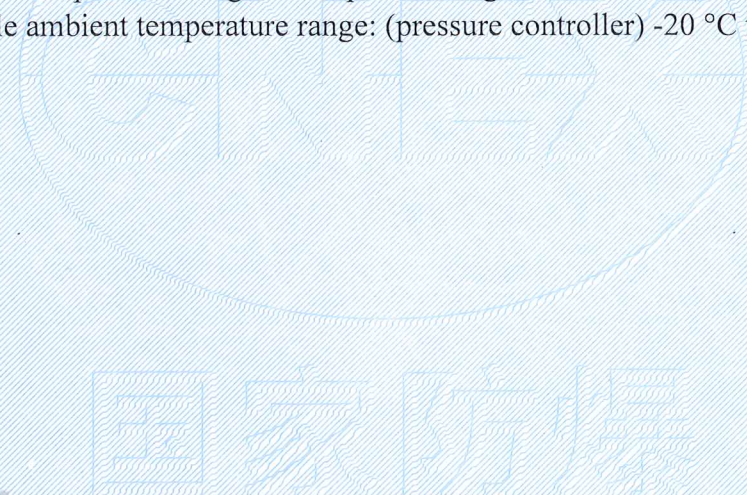
1. This certificate is converted from certificate: IECEX TUN 10.0030X.
2. The device must not be used in the presence of processes which are strongly generating charge.
3. Technical data

The maximum permissible ambient temperature for the control system, depending on the temperature class, has to be taken from the following table.

Permissible ambient temperature range	Temperature class
-20 °C to +40 °C	T6
-20 °C to +60 °C	T4

Permissible temperature range of the protective gas: 0 °C to +40 °C

Permissible ambient temperature range: (pressure controller) -20 °C to +70 °C



Valid Date From Apr 19, 2018 to Apr 18, 2023

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