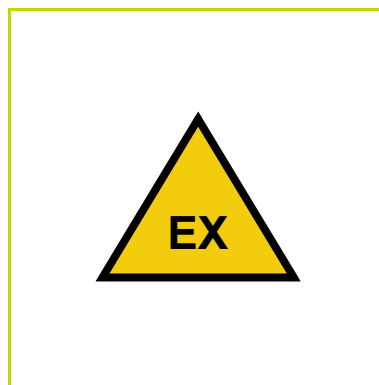


EX CERTIFICATE – CNEx

vibro-meter®

**CNEx 22.2014X
for
CA134 piezoelectric accelerometer**



Note: Although the Ex certificate may be included in more than one language, the liability of the notified body applies only on the text of the original copy of the certificate that it published.

Document reference CNEx 22.2014X
Edition 1 – June 2022

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编号: CNEx22.2014X

防爆合格证 (附页)

共 1 页 第 1 页

1. 本产品已取得 IECEx 认证, 证书编号: IECEx LCI 06.0008X, 版本 3, 颁发日期: 2013-10-25。

2. 本安参数:

传感器: $C_i \leq 1.2nF$, $L_i \approx 0$

电缆: $C_i \leq 250pF/m$, $L_i \approx 0$

3. 安全使用条件:

- 连接到本传感器的本安设备参数应满足以下要求:

线性: $U_i \leq 28V$, $I_i \leq 100mA$, $P_i \leq 0.7W$;

非线性: $U_i \leq 28V$, $I_i \leq 25mA$, $P_i \leq 0.7W$

- 使用环境温度: $-200^{\circ}C < T_a < +500^{\circ}C$

- 温度组别: T6: $T_{amb} < 80^{\circ}C$, T5: $T_{amb} < 95^{\circ}C$, T4: $T_{amb} < 130^{\circ}C$, T3: $T_{amb} < 195^{\circ}C$, T2: $T_{amb} < 290^{\circ}C$, T1: $T_{amb} < 440^{\circ}C$, 510^{\circ}C: $T_{amb} < 500^{\circ}C$ 。

- 本产品只能连接到已取得防爆合格证的 [ia] 或 [ib] 设备, 考虑到连接电缆的长度, 组合后本安参数应相互匹配。

中心主任

颁发日期 2022 年 04 月 08 日

本证有效期至 2022 年 04 月 08 日至 2027 年 04 月 07 日



南阳防爆电气研究所
国家防爆电气产品质量检验检测中心



注: 本证书仅对与认可文件和样品一致的产品有效。数据网站或关注公众号查询真伪。
地址: 中国河南省南阳市卧龙区 235 号
邮编: 473008 电话: 0377-63256564 传真: 0377-63268175 网址: www.chinaxex.com

编号: CNEx22.2014X

防爆合格证

制造单位 Meggit SA
Route de Moncor 4, 1752 Villars-sur-Glâne, Switzerland
产品名称 加速计
型号规格 144-134-000-XXX
防爆标志 Ex ia IIC T6-T510^{\circ}C Ga
产品标准 --
总装图号 PZ 6920, PZ 7653

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》
GB3836.4-2010《爆炸性环境 第 4 部分: 由本质安全型“保护的”设备》

记事: 见附页 (共 1 页)。

中心主任

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Certificate number: CNEx22.2014X

防爆合格证 (附页)

Electrical Apparatus for Explosive Atmospheres CERTIFICATE OF CONFORMITY

Page 1 of 1

1. This product has been IECEx certified, certificate No. IECEx LCI 06.0008X, issue 3, dated on 2013-10-25.
2. SPECIFIC PARAMETERS OF THE MODE OF PROTECTION "ia":
Sensor : $Ci \leq 1.2nF$, $U_i = 0$
Cable : $Ci \leq 250pF/m$, $U_i = 0$
3. Specific conditions of safety use:
- Electrical parameters of any IS certified equipment connected to the sensor shall not exceed the following values:
Linear source : $U_i \leq 28V$, $I_{is} 100mA$, $P_{is} 0.7W$;
Non linear source : $U_{is} 28V$, $I_{is} 25mA$, $P_{is} 0.7W$
- Ambient temperature range: $-200^{\circ}C < T_a < +500^{\circ}C$
- Temperature classification : T6 : Tamb < 80°C, T5 : Tamb < 95°C, T4 : Tamb < 130°C, T3 : Tamb < 195°C, T2 : Tamb < 290°C, T1 : Tamb < 440°C, 510°C : Tamb < 500°C.
- The materiel shall only be connected to a certified [ia] or [ib] apparatus and this combination, taking account to the length of joining cable, shall be compatible as regards intrinsic safety.

Director

Date:

Valid until:

2022-04-08

2027-04-07



南阳防爆电气研究所
NANYANG EXPLOSION PROTECTED ELECTRICAL APPLIANCE RESEARCH INSTITUTE
国家防爆电气产品质量检验检测中心
CHINA NATIONAL QUALITY INSPECTION TEST CENTER FOR EXPLOSION PROTECTED ELECTRICAL PRODUCTS
Address: No. 320001 Zhongyuan Rd, Nanyang City, Henan 473001, P.R. China
Tel: 0377-320001 Fax: 0377-6328115
www.cnex.com.cn

注: 本证书仅对证书附件和样品一致的产品有效。
Note: This certificate is only valid for products which are identical with the sample(s) tested and verified. Holder of this certificate has the responsibility to ensure the products comply with relevant standards.



防爆合格证

Electrical Apparatus for Explosive Atmospheres CERTIFICATE OF CONFORMITY

Certificate number: CNEx22.2014X

Manufacturer Meggitt SA
Route de Moncor 4, 1752 Villars-sur-Glâne, Switzerland

Product Accelerometer

Type 144-134-000-XXX

Marking Ex ia IIC T6~T510°C Ga

Standard(s) --

Drawing No. PZ 6920, PZ 7653

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

GB 3836.1-2010 Explosive atmospheres - Part 1: Equipment - General requirements

GB 3836.4-2010 Explosive atmospheres - Part 4: Equipment protection by intrinsic safety "i"

Note:

See Annex (1 page in total).

Director

Date:

Valid until:

2022-04-08

2027-04-07



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