

防爆合格证

制造单位 Endress+Hauser Optical Analysis Inc.

11027 Arrow Route, Rancho Cucamonga CA 91730, United States of America

产品名称 TDL 气体分析仪

型号规格 SS2100i-2

防爆标志 Ex db IIB+H₂ T4 Gb

产品标准

总装图号 EX080000001, EX080000002, EX080000003, EX080000004, EX080000012,

EX080000013

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: GB/T 3836.1-2021 《爆炸性环境 第 1 部分:设备 通用要求》 GB/T 3836.2-2021 《爆炸性环境 第 2 部分:由隔爆外壳 "d"保护的设备》

记事: 见附页(共1页)。



中心主任

学

颁发日期

本证与效即

2023年05月10日

2023年05月10日至2028年05月09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



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注:本证书仅对与认可文件和特品一致的产品有效。登录网站或关注公众号查询真伪 0603 8049 3926 0863 地址:中国河南省南阳市仲景北路20号

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防爆合格证(附页)

第1页 共1页

- 1.本产品已取得 IECEx 证书, 证书号: IECEx CML 21.0154X, 版本 0, 颁发日期: 2021-12-13。
- 2.额定参数:

额定电压: AC120V~240V (50/60 Hz)

额定功率:最高 300W

- 3.使用环境温度: -20℃~+60℃。
- 4.本产品配用的已取得防爆证书的 Ex 元件如下。

序号	产品名称	产品型号	防爆标志	数量
1	外壳	EJB 63AS 10111003 EJB 63AS 10111002	Ex db IIB+H ₂ Gb	1
2	阻火器	FT/VS 61090	Ex db IIC T6 Gb	2

- 5.防爆标志: Ex db IIB+H2 T4 Gb
- 6.特殊使用条件:
- 配用的 Ex 元件应符合其证书的规定;
- 电缆引入口配用的配件,如封堵件、呼吸/排液装置或变径接头等,须获得防爆证书并确保与 其使用环境相适应,并满足制造商的说明书规定;
- 隔爆外壳应使用屈服应力不小于 450MPa 的紧固件;
- 当对隔爆面进行修理时,应联系原制造商获取有关隔爆接合面尺寸的资料;
- 产品应采用能保证外壳观察窗仅可能承受较低能量机械冲击的方法安装。





颁发日期

2023年05月10日

2023年05月10日至2028年05月09日



南阳防爆 国家防爆电气产品质量 检验检测中心







防爆合格证

Electrical Apparatus for Explosive Atmospheres

CERTIFICATE OF CONFORMITY

Manufacturer

Endress+Hauser Optical Analysis Inc.

11027 Arrow Route, Rancho Cucamonga CA 91730, United States of America

Product

TDL Gas Analyser

Type

SS2100i-2

Marking

Ex db IIB+H2 T4 Gb

Standard(s)

Drawing No.

EX08000001,

EX080000002, EX080000003, EX080000004, EX080000012,

EX080000013

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

GB/T 3836.1-2021

GB/T 3836.2-2021

Explosive atmospheres - Part 1: Equipment - General requirements Explosive atmospheres - Part 2: Equipment protection by flameproof

enclosure "d"

Note:

See Annex (1 page in total).

Director

Date:

Valid until:

2023-05-10 2028-05-09

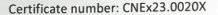


VEY AND TEST CENTEN FOR EXPLOSION 0.20 North Zhongjing Rd,Nanyang Henan 63258564 Fax:0377 63208175 Web.wy PROTECTED ELECTRICAL PRODUCTS 473008),P.R.China w.china-ex.com CHINA NATIONAL QUALITY S

注: 本证书仅对与认可文件和样品一致的产品有效。

d 或关注公众号查询真伪 0589 1692 9347 6185

Note: This certificate is only valid for products which are identical with a mple(s) tested and verified. Holder of this certificate has the responsibility to ensure the products comply with relevant standards.



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CERTIFICATE OF CONFORMITY

Page 1 of 1

1. This product has been certified, under certificate number IECEx CML 21.0154X, issue 0, dated 2021-12-13.

2. Rating:

国家防爆

Power supply: 120V to 240V AC(50/60 Hz)

Power: 300W max

3. Tamb: -20°C to +60°C

4. The certified Ex components inclued in this product are given in the following table:

NO.	Component	Model/Type	Ex Marking	Quantity
1	Enclosure	EJB 63AS 10111003 EJB 63AS 10111002	Ex db IIB+H ₂ Gb	1
2	Flames Arrestor	FT/VS 61090	Ex db IIC T6 Gb	2

5. Ex-Marking: Ex db IIB+H2 T4 Gb.

6. Specific conditions of use:

- The specific conditions of use of each certified element come under the corresponding certificate of conformity;
- Entries shall be equipped with accessories such as blanking element, breather/drain or reducer certified for the intended use and in accordance with manufacturer's instructions;
- The screws used for the assembly of the various parts of flameproof enclosures must have a yield stress higher or equal to 450 MPa;
- The flameproof joints are not intended to be repaired. If needed, contact the manufacturer.
- The equipment shall be installed in such a way that the hazard of mechanical impact on the window of the electronics enclosure to be low.

Director

Date:

Valid until:





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