ATEX LED LINE

USER'S MANUAL ENGLISH

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1. General features

The ATEX LED LINE luminaire series has been designed for operation in hazardous areas, category 3, material group II, for use in zones 2 and 22, according to the ATEX 2014/34/EU directive.
The luminaire is composed of three different parts: anodized aluminium housing, injected epoxy resin diffuser and non-replaceable supply cable. All this makes possible to achieve a high protection degree (IP66/68).

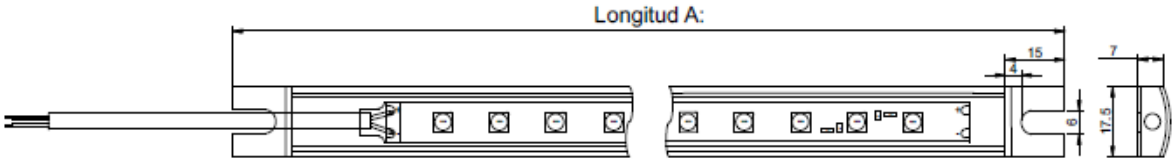
2. Technical data

Technical data:	
Materials:	Anodized aluminium, colour RAL9010 Epoxy resin PVC Cable
Marking:	Ⓔx II 3G Ex mc IIC T6 Gc Ⓔx II 3D Ex mc IIIC T85ºC Dc
Certificate:	LOM 13 ATEX 4081 X
Operating temperature:	-20ºC ≤ Ta ≤ +45ºC
Protection levels:	Code IP66/68 according to EN60529 Code IK08 according to EN50102
Voltage range:	+24VDC
Electric shock protection:	Clase III
Connection type:	Z

3. Item references

Item references:			
Description:	**Cable lenght:**	**“A” dimensión lenght:**	**Item number:**
ATEX LED LINE 410	10 m	400 mm	1A2101
ATEX LED LINE 810	10 m	800 mm	1A2102
ATEX LED LINE 1310	10 m	1300 mm	1A2103
Options: ATEX LED LINE xxxx/2/yyy two luminaires joined together. Other configurations on request.			

4. Dimensions



5. Mounting and Installation

The luminaire must be installed by qualified technical staff only.

During the installation and commissioning of the luminaire, please observe the standard EN60079-14. Before installing the device, make sure that the connection point is tension free and that there is no explosive atmosphere in the area.

Pay special attention to the cable in order not to damage it during installation. The luminaire is supplied with a cable that can be cut to suit your needs, but it cannot be replaced. The power supply of the luminaire is +24VDC, being necessary to comply with the polarity and voltage indicated at the end of the cable.

Secure the luminaire with screws using the fixing points integrated in the device.

Depending on each country's regulations, it may be necessary to use a protective tube or channel for the cable, in order to obtain greater mechanical protection.

6. Commissioning

Before starting up the luminaire, it is necessary to check that the equipment is suitable for operating within the area with explosion risk where it is going to be installed, that the polarity and power supply voltage of the luminaire are correct, and that the start-up operation is carried out without the presence of explosive atmospheres.

7. Maintenance

Check the luminaire's power supply cable periodically to make sure it is free of cuts and in good operating condition.

Clean the surface of the luminaire periodically with a damp cloth to prevent dust accumulation. The use of solvents in the cleaning process is not recommended.

The flexible cable of this luminaire cannot be replaced; if it is damaged, the luminaire must be disposed of properly.

In case of high degradation of the housing that protects the LEDs, proceed to the replacement of the luminaire.

8. Recycling

Manufacturer affiliated with ECO-RAEE's environmental foundation.

9. Technical support

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Declaración de conformidad UE

EU Declaration of conformity

Inpratex Atmósferas Explosivas, S.L.
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Declara bajo su responsabilidad que nuestros equipos:
Declare under our sole responsibility, that our devices:

ATEX LED LINE xxxx

Son conformes a las Directivas Europeas:
Are in conformity with the European Directives:

Directiva: **Terms of the directive:**	Número y fecha de expedición de la norma: **Number and date of issue of the standard:**
2014/34/UE (ATEX): Aparatos y sistemas de protección para uso en atmósferas potencialmente explosivas. **2014/34/EU (ATEX): Equipment and protective systems intended for use in potentially explosive atmospheres.**	EN IEC 60079-0:2018 EN IEC 60079-0:2018/AC:2020-02 EN 60079-18:2015 EN 60079-18:2015/AC:2018-9 EN 60079-18:2015/A1:2017
	EN 60598-1:2015 EN 60598-1:2015/A1:2018
2014/30/UE (EMC): Directiva de compatibilidad electromagnética. **2014/30/EU (EMC): Electromagnetic compatibility.**	EN IEC 55015:2019 EN IEC 55015:2019/A11:2020 EN 61547:2009
2011/65/UE (RoHS II): Sustancias peligrosas en aparatos eléctricos y electrónicos. **2011/65/EU (RoHS II): Hazardous substances in electrical and electronic equipment**.	EN 50581:2012

Marcado:
Marking:

II 3G Ex mc IIC T6 Gc
II 3D Ex mc IIIC T85ºC Dc
-20ºC≤Ta≤+45º
LOM 13 ATEX 4081 X

Eibar 27 de diciembre de 2022

Asier Capelastegui
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