

(1) **Type Examination Certificate**

(2) **Equipment or Protective Systems Intended for use in Potentially Explosive Atmospheres**

Directive 2014/34/EU

(3) Type Examination Certificate Number: **IEP 24 ATEX 1454X**

(4) Product: **BALVEX XX Type Linear Waterproof Armature**

(5) Firm Name: **KOLAYLIK ELEKTRİK SANAYİ VE TİCARET ANONİM ŞİRKETİ**

(6) Firm Address: **Halil Rifat Paşa Mah. Perpa Tic. Mer. A Blok No:1 İç Kapı No:1414**

Şişli - İstanbul / TÜRKİYE

(7) This product any of acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.

(8) The IEP Uluslararası Enerji Petrol Gözetim, Sertifikasyon ve Teknik Hizmetler Organizasyonu Tic. Ltd. Sti., notified body number 2284 in accordance with Article 17 of the Directive 2014/34/EU of European Parliament and of the Council, dated 26 February 2014, certifies that this product has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of products intended for use in potentially explosive atmospheres, given in Annex II to the Directive. The examination and test results are recorded in confidential Report Nr: IEP.Rp.Ex.10-2929 date 29.07.2024.

(9) Compliance with Essential Health and safety requirements has been assured by compliance with;

EN IEC 60079-0:2018 , EN 60079-7:2015 , EN 60079-31:2014

(10) If the sign “ X “ is placed after the certificate number, it indicates that the product is subject to Specified Conditions of Safe Use specified in the schedule to this certificate.

(11) This EU-Type Examination Certificate relates only to the design and construction of the specified product in accordance to the directive 2014/34/EU. Further requirements of the directive apply to the manufacturing process and supply of this product. These are not covered by this certificate.

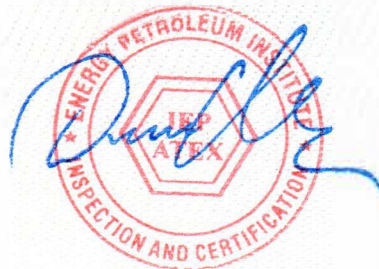
(12) The marking of the equipment or protective system shall include the following:



**II 3G Ex ec IIC T6 Gc
II 3D Ex tc IIC T80 °C Dc , IP 66**

Responsible Person:

Nurettin Terzioglu
Head of Certification Body



Date of Issue: 30.07.2024



IEP ENERGY PETROLEUM INSTITUTE

(13) Schedule

(14) Certificate Nr: **IEP 24 ATEX 1454X**

(15) Description of Equipment:

BALVEX type linear waterproof armature body material is made of PC/ABS plastic. Linear waterproof armature has 15W ~ 40W LED models. Linear waterproof armature has been evaluated in the contents of IP 66. Linear waterproof armature uses as Zone 2 - IIC gas group and Zone 22 - IIIC dust group are that be used danger area determined in the EN 60079-10-1 and EN 60079-10-2 standard. To must be used of ground cable 4 mm² (min) and HD 21.13.S1/HD.22.4.S4 .

Technical Parameters:

Power	15 W, 18 W, 20 W, 24 W, 30 W, 36 W, 40 W (Led)
Voltage	220 / 230 V AC
Frequency	50 Hz
IP Protection Class	IP 66
Ambient Temperature	-20°C ~ +50°C

Product Code System:

BALVEX ⇨ Product Code

XX ⇨ Power

(IEP 24 ATEX 1454X) X means: Installation must be done by authorized personnel according to the manual and EN 60079-14 standard. Periodic inspections and maintenance should be carried out by authorized establishment or personnel according to the EN 60079-17 standard.

(16) Essential Health and Safety Requirements: Are included in standards, which are mentioned in clause (9) of this certificate. The products were approved in accordance with above mentioned standards and manufacturer's instruction. At the installation and the operation of the BALVEX type linear waterproof armature has to be observed manufacturer's manual 2 page dated 24.06.2024.

(17) Drawings:

Drawing Nr;

Drawing Name;

Date;

İBİL.750.100

Dimensional Drawings

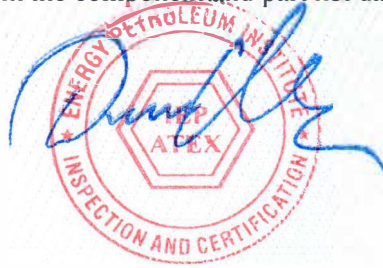
12.06.2024

For the validity of analysis type certificate, the parts that are used in BALVEX type linear waterproof armature is determined in confirmed in the component and part list date 10.06.2024 (Doc. Nr. İBİL.750.100)

Responsible Person:

Nurettin Terzioglu

Head of Certification Body



Date of Issue: 29.07.2024

IEP Uluslararası Enerji Petrol Gözetim, Sertifikasyon ve Teknik Hizmetler Organizasyon Ticaret Limited Sirketi
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