(1) EU-Type Examination Certificate

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

Directive 2014/34/EU

(3) EU – Type Examination Certificate Number: **IEP 25 ATEX 1667X**

(4) Product: **OIS EXPROOF V5X Type Junction Box**

(5) Firm Name: **OİS Güvenlik ve Savunma Teknolojileri A.Ş.**

(6) Firm Address: **Mehmet Akif Ersoy Mah. 274 Sk.Vings Ankara Sitesi B Blok No: 1 B İç Kapi No: 105 Yenimahalle /Ankara / 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. Şti., 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. 3331 date 15.08.2025

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

EN IEC 60079-0:2018 , EN 60079-1:2014 , 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 2G Ex db IIB T6 Gb
II 2D Ex tb IIIC T85 ^{0}C Db

Responsible Person:

Nurettin Terzioglu
Head of Certification Body

Date of Issue: 18.05.2025

IEP Uluslararası Enerji Petrol Göz., Sertifikasyon ve Teknik Hiz. Org. Tic. Ltd. Sti.
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(13) Schedule / Certificate Nr: **IEP 25 ATEX 1667X**

(14) Equipment Description: The OIS EXPROOF V5X Type Junction Box is designed for use in flammable and combustible atmospheres. Models are available for direct current 12 Vdc, 24 Vdc, 48 Vdc and alternating current 12 Vac, 24 Vac, 48 Vac, and 220 Vac. OIS EXPROOF V5X Type Junction Box cable entry connection is made with four 3/4" cable glands or pipe entries. The reference pressure value is 4.41 bar. Hydrostatic pressure test was performed at 17.64 bar. The body is manufactured from stainless steel or aluminum. The front cover is manufactured from plexiglass or aluminum material under a stainless steel protective frame. Protection class is IP 66. OIS EXPROOF V5X Type Junction Box is used in hazardous area (1, 2, 21, 22) areas and in accordance with EN 60079-10-1 and EN 60079-10-2 standards.

Product Coding System:

TYPE	**OIS EXPROOF V5X**	X: Cover Type
		P: Plexıglas
		M: Aluminum

OIS EXPROOF V5X Type Junction Box Technical Parameters:

Type	**OIS EXPROOF V5X**
Voltage	12 Vdc ,24 Vdc,48 Vdc,12 Vac,24 Vac ,48 Vac,220 Vac
Frequency	50 / 60 Hz
IP Protection Class	IP 66
Ambient Temperature	(-20 ~ +60) °C

(IEP 25 ATEX 1667X) X Means: To must be installed by authorized personnel according to the user manual and EN 60079-14. Periodic inspection should be carried out by authorized personnel according to EN 60079-17.

(15) This certificate is in the contents of standards that mentioned in item.(9) It has been accepted that OIS EXPROOF V5X Type Junction Box are manufactured according to the producer instructions and the standards mentioned above.

(16) Information of mounting instruction manual of OIS EXPROOF V5X Type Junction Box and, 6 page approved and date 22.03.2025.

(17) Drawings:

Drawing Name ;	**Drawing Nr ;**	**Date ;**
General View	OIS V5-25-001	21.02.2025
Flame Path Technical Drawing	OIS V5-25-002	21.02.2025
Installation Technical Drawing	OIS V5-25-003	21.02.2025

Parts inside of OIS EXPROOF V5X Type Junction Box are indicated in the electrical and mechanical part list Table 1-2-3 date 22.03.2025 and 1 page.

Responsible Person:

Nurettin Terzioglu
Head of Certification Body

Date of Issue: 18.05.2025

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