

(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 21 ATEX 0910U**

(4) Product: **M-EYS – X Series Sealing Fittings**

(5) Firm Name: **MSM Mühendislik Elektromekanik San. Tic. Ltd. Şti.**

(6) Firm Address: **Barbaros Mah. Millet Cad. No : 38 Ataşehir / İSTANBUL - TURKEY**

(7) This product any of acceptable variation there to 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.10-1905 date 13.04.2021.

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

IEC EN 60079-0:2018 , EN 60079-1:2014 , EN 60079-31:2014

(10) The sign “ U “ is placed after the certificate number to indicate that the product assessed is a component and may be subject to further assessment when incorporated into equipment. Any special conditions for safe use are listed 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 IIC Gb
II 2D Ex tb IIIC Db, IP 66**

Responsible Person :

Nurettin Terzioglu
Head of Certification Body



Date of Issue : 16.04.2021





IEP ENERGY PETROLEUM INSTITUTE

(13) Schedule

(14) Certificate Nr: **IEP 21 ATEX 0910U**

(15) Description of Equipment: M-EYS-X series sealing fittings consist in stopping boxes with female threaded joints and can be used for the passage of cables between conduits and/or flameproof enclosures and are suitable to be mounted on cable conduit or on flameproof enclosures. The M-EYS-X series sealing fittings are also protected against the risk of explosion for the presence of gas and combustible dusts according to the standard EN 60079-10-1 / EN 60079-10-2.

The fittings are made in aluminum alloy.

Operating temperature range of sealing fittings: -40 °C ~ +80 °C.

The sealing fittings series M-EYS-X , when coupled with the enclosures or with cable conduit as indicated in the documents annexed to this certificate, are in conformity with the specifications of the standard EN 60529 for the degree of protection IP 66.

Technical Detail :

NPT Code	Gas Code	OA (mm)	Metric Code	OA (mm)	B (mm)	C (mm)
M-EYS-1N	M-EYS-1G	1/2"	M-EYS-1M	M20x1,5	90	74
M-EYS-2N	M-EYS-2G	3/4"	M-EYS-2M	M25x1,5	90	74
M-EYS-11N	M-EYS-11G	1/2"	M-EYS-11M	M20x1,5	90	74
M-EYS-12N	M-EYS-12G	3/4"	M-EYS-12M	M25x1,5	90	74

Ambient Temperature: -20 °C ~ +40°C

(16) Special Conditions for Safe Use: (denoted by U after the certificate number)

16.1 The sealing fittings are approved to be used with setting compound provided by manufacturer and may be applied by the installer or use electrical apparatus following the manufacturer's instructions.

16.2 The total cross-sectional area of the cables, including insulation, shall be not more than 40% of the cross sectional area of the fitting according to EN 60079-14:2014.

16.3 The sealing fittings shall be coupled with the enclosure or with cable conduit as indicated by the manufacturer's documents in order to not jeopardize the type of protection of the electrical apparatus on which the sealing fittings are mounted.

16.4 The entry thread should be suitably sealed in order to maintain the IP 66 rating.

(17) Essential Health and Safety Requirements of Annex II: This certificate is in the contents of standards that mentioned in item (9) It has been accepted that M-EYS-X series sealing fittings are manufactured according to the producer instructions and the standards mentioned above.

(18) Drawings:

Drawing Nr;

M-EYS-1

M-EYS-2

M-EYS-3

Drawing Name;

Label

Part List

General Drawing

Date;

11.12.2020

11.12.2020

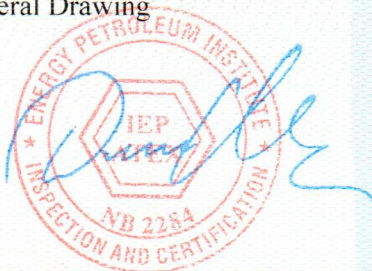
11.12.2020

Responsible Person :

Nurettin Terzioğlu

Head of Certification Body

Date of Issue : 16.04.2021



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

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