

Supplement Nr: 01

(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 19 ATEX 0719X**(4) Product: **M-MERXM and M-MERXN Series Armoured Cable Glands**(5) Firm Name **MSM Mühendislik Elektromekanik San. Tic. Ltd. Şti.**(6) Firm Address: **Barbaros Mah. Millet Cad. No: 38 Ataşehir / 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.10-1515-1 date 18.05.2026.

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

EN IEC 60079-0:2018, EN 60079-1:2014, EN 60079-7:2015, EN 60079-31:2014

(10) If the sign “X” is placed after the certificate number, it indicates that the equipment or protective system is subject to special conditions for 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:

**I M2 Ex db/eb I Mb
II 2G Ex db/eb IIC Gb
II 2D Ex tb IIIC Db****Responsible Person :**Nurettin Terzioglu
Head of Certification Body**Supplement 01 Date of Issue : 20.05.2026****IEP Uluslararası Enerji Petrol Göz., Sertifikasyon ve Teknik Hiz. Org. Tic. Ltd. Sti.**Meriç Mah. 5746/1 Sok. No:9/2 Bornova - İzmir / TÜRKİYE
Tel: +90 232 431 17 45 (pbx) e-mail: iep@iep.com.tr

Fr:45

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(13) Certificate Nr: **IEP 19 ATEX 0719X**

(14) Technical Details:

| M-MERXM Series Armoured Cable Glands | | | | | | |
|--------------------------------------|-------------|-------------|--------------------|----------------------|------|--------------------------------|
| Product Code | Metric Size | Thread Size | Thread Length (mm) | Spanner Width (SW/D) | | Nominal Protrusion Length (mm) |
| | | | | SW | D | |
| M-MER1M | M12x1,5 | 12 | 15 | 18 | 20 | 62 |
| M-MER2M | M16x1,5 | 16 | 15 | 22 | 24,5 | 67 |
| M-MER3M | M20x1,5 | 20 | 15 | 30 | 33,5 | 68 |
| M-MER4M | M25x1,5 | 25 | 15 | 36 | 40,5 | 71 |
| M-MER5M | M32x1,5 | 32 | 15 | 45 | 51,5 | 79 |
| M-MER6M | M40x1,5 | 40 | 15 | 55 | 61,5 | 88 |
| M-MER7M | M50x1,5 | 50 | 15 | 70 | 77,5 | 97 |
| M-MER8M | M63x1,5 | 63 | 15 | 80 | 88,5 | 126 |
| M-MER9M | M75x1,5 | 75 | 15 | 90 | 100 | 126 |

| M-MERXN Series Armoured Cable Glands | | | | | | |
|--------------------------------------|----------|--------------|--------------------|----------------------|------|--------------------------------|
| Product Code | NPT Size | Thread Size) | Thread Length (mm) | Spanner Width (SW/D) | | Nominal Protrusion Length (mm) |
| | | | | SW | D | |
| M-MER1N | 1/4" | 13,176 | 15 | 18 | 20 | 62 |
| M-MER2N | 3/8" | 17,145 | 15 | 22 | 24,5 | 68 |
| M-MER3N | 1/2" | 21,336 | 15 | 30 | 33,5 | 71 |
| M-MER4N | 3/4" | 26,670 | 18 | 36 | 40,5 | 74 |
| M-MER5N | 1" | 33,401 | 18 | 45 | 51,5 | 84 |
| M-MER6N | 1 1/4" | 42,164 | 18 | 55 | 61,5 | 93 |
| M-MER7N | 1 1/2" | 47,800 | 18 | 60 | 77,5 | 107 |
| M-MER8N | 2" | 60,325 | 20 | 75 | 88,5 | 113 |
| M-MER9N | 2 1/2" | 73,025 | 22 | 80 | 100 | 126 |

(15) Cable Gland Series Type M-MERXM and M-MERXN made from according to MS 58 Brass, Brass nickel plated. The ranges of cable glands are metallic and intended to terminate circular armoured and braided cables (as defined type designations) into a threaded entry point within associated flameproof, increased safety or dust tight enclosures (as defined by their coding). Cable gland sealing ring is made from silicone. Cable gland gasket is made from chloroprene rubber.

The M-MERXM and M-MERXN type range of cable glands are intended to terminate tape cables into enclosures without compromising the explosion protection provided by the enclosures in accordance with relevant codes of practice. They consist of a male-threaded front entry component, a front seal, a main body component, a rear seal, an actuating nut and a rear running coupling. The front entry component is intended to screw into an entry point of its associated enclosure. The seals are compressed onto the cable when the body component and actuating nut are tightened. Continuity diaphragm and skid washer is fitted behind the front seal.

Cable Gland Series Type M-MERXM and M-MERXN has been evaluate in the contents of IP 66/68 with by cable.

Responsible Person :
Nurettin Terzioglu
Head of Certification Body



IEP Uluslararası Enerji Petrol Gözetim, Sertifikasyon ve Teknik Hizmetler Organizasyon Ticaret Limited Sirketi
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(16) Certificate Nr: **IEP 19 ATEX 0719X**

(17) Technical Details;

Mechanical Material;

Brass to EN12164: Grade CuZn39Pb (CW614N)

Isolation Materials;

Silicone sealing ring : (-60 ; + 180) °C

Chloroprene gasket : (-40 ; + 100) °C

(18) 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 cable gland series type M-MERXM and M-MERXN are manufactured according to the producer instructions and the standards mentioned above.

(19) Drawings:

| Drawing Nr; | Drawing Name; | Date; |
|-------------|-----------------------------------|------------|
| M-MER-M | Cap | 02.01.2019 |
| M-MER-M | Metric Cap | 02.01.2019 |
| M-MER-M | Cap Metric / NPT Silicone Rubber | 02.01.2019 |
| M-MER-M | General View | 02.01.2019 |
| M-MER-M | Metric Body | 02.01.2019 |
| M-MER-M | General drawing | 02.01.2019 |
| M-MER-M | Body Metric / NPT Silicone Rubber | 02.01.2019 |
| M-MER-M | Silicone O-ring | 02.01.2019 |
| M-MER-M | Nut | 02.01.2019 |
| M-MER-N | Cap | 02.01.2019 |
| M-MER-N | NPT Cap | 02.01.2019 |
| M-MER-N | Cap Metric / NPT Silicone Rubber | 02.01.2019 |
| M-MER-N | General View | 02.01.2019 |
| M-MER-N | NPT Body | 02.01.2019 |
| M-MER-N | Body Metric / NPT Silicone Rubber | 02.01.2019 |

(20) Installation must be done according to the manual. Manual 10 pages, dated 12.07.2019. If the chemical property of the material changes, the certificate becomes invalid. Part list 17.07.2019, 1 page. The clamping forces must comply with the standard and installation instructions.

Certificate History;

| Supplement Nr | Supplement Date | Summary Description of Variation |
|---------------|-----------------|--------------------------------------|
| 01 | 20.05.2026 | Standard Update and Ex Code Revision |
| 00 | 19.08.2019 | First issue of certificate |

Responsible Person :

Nurettin Terzioglu
Head of Certification Body



Supplement 01 Date of Issue : 20.05.2026

