



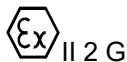
EU Type Examination Certificate CML 19ATEX1370X Issue 0

- 1 Equipment intended for use in Potentially Explosive Atmospheres Directive 2014/34/EU
- 2 Equipment **Type EX-35*, EX-40* and EX-45* Range of Cable Glands**
- 3 Manufacturer **Amphenol EEC, Inc.**
- 4 Address 1701 Birchwood Ave, Des Plaines,
Illinois 60018, United States of
America
- 5 The equipment is specified in the description of this certificate and the documents to which it refers.
- 6 CML B.V., Chamber of Commerce No 6738671, Koopvaardijweg 32, 4906CV Oosterhout, The Netherlands, Notified Body Number 2776, in accordance with Article 17 of Directive 2014/34/EU of the European Parliament and of the Council, dated 26 February 2014, certifies that this equipment has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment intended for use in potentially explosive atmospheres given in Annex II to the Directive.

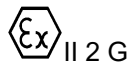
The examination and test results are recorded in the confidential reports listed in Section 12.
- 7 If an 'X' suffix appears after the certificate number, it indicates that the equipment is subject to conditions of safe use (affecting correct installation or safe use). These are specified in Section 14.
- 8 This EU Type Examination certificate relates only to the design and construction of the specified equipment or component. Further requirements of Directive 2014/34/EU Article 13 apply to the manufacture of the equipment or component and are separately certified.
- 9 Compliance with the Essential Health and Safety Requirements, with the exception of those listed in the confidential report, has been demonstrated through compliance with the following documents:

EN IEC 60079-0:2018	EN 60079-1:2014
EN IEC 60079-7:2015+A1:2018	EN 60079-31:2014

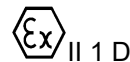
- 10 The equipment shall be marked with the following:



Ex db IIC Gb



Ex eb IIC Gb



Ex ta IIIC Da



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11 Description

The type EX-35*, EX-40* and EX-45* range of cable glands is intended for use with any cable type where sealing and retention is required by gripping the outer sheath (this includes armoured/screened/braided cables, the armour/screen/braid being clamped inside the terminating equipment). Construction materials are brass, mild steel, stainless steel or aluminium alloy. Glands are available in a single or double seal configuration and utilise a silicone or neoprene seal. The single seal configuration is available with a compression nut, which will accept either male or female conduit.

Glands are available in the size range 12 to 100 mm with ISO metric entry threads of M12 to M100 respectively. Alternative thread forms are available.

Notes:

Certificate Sira 05ATEX1123X / IECEx SIR 07.0107X is superseded by certificate CML 19ATEX1370X / IECEx CML 19.0111X.

The product covered by Issue 0 of this certificate remains identical to that previously covered by Sira 05ATEX1123X / IECEx SIR 07.0107X.

Where Sira 05ATEX1123X / IECEx SIR 07.0107X is specified in other product certification, or other technical specifications, this certificate reference for the product shall be used in its place; updating of the other product certificate or technical specification is not required.

12 Certificate history and evaluation reports

Issue	Date	Associated report	Notes
0	22 Apr 2021	R12631D/00	Issue of Prime Certificate

Note: Drawings that describe the equipment or component are listed in the Annex.

13 Conditions of Manufacture

None.

14 Specific Conditions of Use (Special Conditions)

The following conditions relate to safe installation and/or use of the equipment.

- i. The EX-35*, EX-40* and EX-45* Range of Cable Glands shall not be used in enclosures where the temperature at the point of entry/mounting exceeds the following:
 - -35°C to +90°C for the Neoprene (black) seal variants
 - -60°C to +180°C for the Silicone (white) seal variants
- ii. The cable entries are only suitable for fixed installations. Cables shall be effectively clamped to prevent pulling or twisting.
- iii. The EX-35*, EX-40* and EX-45* range of cable glands, when installed in accordance with the manufacturer's instructions and with an appropriate enclosure on which they are fixed, are capable of providing an ingress protection of IP66 and IP68 (50 metres, 7 days).



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- iv. The threaded entry component threads without interface O-ring seals installed in an explosive dust atmosphere, within threaded entries, shall only be fitted into enclosures that have either:
- parallel entries that will ensure that a minimum of 5 full threads of contact will be maintained, this is in accordance with clause 5.1.2 of EN 60079-31:2014,
 - tapered entries that will ensure that a minimum of 3 ½ full threads of contact will be maintained, this is in accordance with clause 5.1.2 of EN 60079-31:2014.

Certificate Annex

Certificate Number CML 19ATEX1370X
Equipment Type EX-35*, EX-40* and EX-45* Range of Cable Glands
Manufacturer Amphenol EEC, Inc.



The following documents describe the equipment or component defined in this certificate:

Issue 0

Drawing No	Sheets	Rev	Approved date	Title
AMP/ATX/A2L	1 of 1	7	22 Mar 2021	Trade Agent Label Drawing EX-35, EX-40 and EX-45 Cable Gland Range