





**CML 19ATEX1369X**  
**Issue 0**

## 11 Description

The EX-25\* and EE-30\* Ranges of Cable Glands are intended for use with SWA/Woven Steel Wire/Steel Tape/Braid armoured cables. Each comprises a threaded entry body, elastomeric sealing ring, armour cone, clamp ring and compression cap. The entry body is available with an optional outer deluge seal or an integral earthing clamp. The EX-25\* glands have a double seal arrangement of flameproof and outer IP seal with extra compression cap and skid washer to suit. EE-30\* glands have only the outer IP seal arrangement. Seals are available in silicone and neoprene. Each gland type is available with an optional earth clamp arrangement on the entry body.

Glands are available in the size range 16 to 100 with ISO metric entry threads of M16 to M100 respectively. Alternative threadforms and sizes, NPT, NPSM, BSPT, BSPP, PG and ET are available. The EX-25\* glands have an ingress protection rating of IP66 and IP68 (50 m 7 days) and the EE-30\* glands have an IP66 rating.

### Design options:

1. Cable glands can be fitted with multi-clamping clamp ring for all armour types. These glands are not available in aluminium material
2. When fitted with neoprene seals the service temperature range of the glands is: -35°C to +90°C. When fitted with silicone seals the service temperature range of the glands is: -60°C to +180°C.
3. All gland types with parallel threaded entry threads may have a modified thread length of a minimum of 10 mm and be marked suitable only for 'Ex eb' applications.
4. All gland types with parallel threaded entry threads to be manufactured with a longer than 'standard' thread length to suit the end use application.
5. All gland types can be manufactured with larger than the 'standard' entry threads as listed within the product description.
6. All gland types with parallel threaded entry threads may optionally be modified and fitted with an O-ring seal.
7. All cable glands may be fitted with alternative component on the rear back to allow connection of conduits.

### Notes:

Certificate Sira 05ATEX1122X / IECEx SIR 07.0108X is superseded by certificate CML 19ATEX1369X / IECEx CML 19.0112X.

The product covered by Issue 0 of this certificate remains identical to that previously covered by Sira 05ATEX1122X / IECEx SIR 07.0108X.

Where Sira 05ATEX1122X / IECEx SIR 07.0108X 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	R12631C/00	Issue of Prime Certificate

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



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### 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 Ranges of EX-25\* and EE-30\* Cable Glands shall not be used in enclosures where the temperature, at the point of contact exceeds the following temperatures:
  - 35°C to +90°C for neoprene seal variants.
  - 60°C to +180°C for the silicone seal variants.
- ii. The ranges of EX-25\* 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 meters 7 days).
- iii. The Ranges of EE-30\* 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.
- 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 IEC 60079-31:2013 / 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 IEC 60079-31:2013 / EN 60079-31:2014
- v. If the EX-25\*, and EE-30\* type cable glands only grip the cable sheath and do not clamp the armour, or if they are used to terminate unarmoured, braided or screened cables, then they shall only be used for fixed installations, hence the cables shall be effectively clamped to prevent pulling or twisting.

## Certificate Annex

**Certificate Number** CML 19ATEX1369X  
**Equipment** Type EX-25\* and EE-30\* 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/E1WF	1 of 1	7	22 Mar 2021	Trade Agent Label Drawing EX-25 Cable Gland Range
AMP/ATX/CWLE	1 of 1	7	22 Mar 2021	Trade Agent Label Drawing EE-30 Cable Gland Range