

Type Examination Certificate CML 24ATEX3286X Issue 0

- 1 Equipment intended for use in Potentially Explosive Atmospheres Directive 2014/34/EU
- 2 Equipment **ECDE-* Breather/Drain Plugs**
- 3 Manufacturer **Cortem Group SpA**
- 4 Address **Cortem SpA – Villesse
Via Aquileia 10
34070 Villesse (Go)
Italy**
- 5 The equipment is specified in the description of this certificate and the documents to which it refers.
- 6 Eurofins CML B.V., Chamber of Commerce No 67386717, Koopvaardijweg 32, 4906CV Oosterhout, The Netherlands, 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 of Directive 2014/34/EU.
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 Type Examination certificate relates only to the design and construction of the specified equipment or component. Further requirements of Directive 2014/34/EU Annex VIII 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 IEC 60079-7:2015+A1:2018 EN IEC 60079-31:2024
- 10 The equipment shall be marked with the following:



II 2 G D

Ex eb IIC Gb

Ex tb IIIC Db IP66

Temp: -60°C to +150°C



11 Description

The ECDE-* Breather/Drain Plugs are manufactured from either brass or stainless steel and comprise a threaded body with a hexagonal head at one end. The threaded portion has two diametrically opposed slots along its length and contains a sintered filter, manufactured from either brass or stainless steel retained by a stainless steel circlip.

The ECDE-* Breather/Drain Plugs are intended to permit exchange between the atmosphere inside an associated enclosure and the surrounding atmosphere or to permit any liquid condensate within an associated enclosure to flow out.

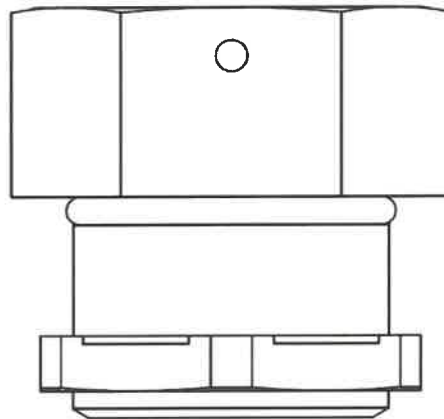


Figure 1 – General Arrangement

Notes:

- CML 16ATEX1351X is superseded by this certificate.
- The product covered by Issue 0 of this certificate remains identical to that previously covered by CML 16ATEX1351X.
- Where CML 16ATEX1351X 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	04 Nov 2024	R18177A/00	Issue of Prime Certification.

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 the safe installation and/or use of the products:

- i. The ECDE-* Breather/Drain Plugs shall be used with the supplied sealing rings and the installer shall ensure that the surface of the enclosure against which the sealing rings seals is in good condition.
- ii. When the ECDE-* Breather/Drain Plugs are intended for use as a drain, they must be installed at the bottom of the enclosure.
- iii. The ECDE-* Breather/Drain Plugs shall not be used with any form of entry device.
- iv. The service temperature at the point of mounting shall not exceed the range -60°C to +150°C.

Certificate Annex

Certificate Number CML 24ATEX3286X Issue 0
Equipment ECDE-* Breather/Drain Plugs
Manufacturer Cortem Group SpA



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

Issue 0

Drawing No	Sheets	Rev	Approved Date	Title
A3-6546	1 of 1	1	29 Oct 2024	Breather and drain valve ECDE-...
A4-6547	1 to 3	1	29 Oct 2024	Technical Note