



IECEX Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification Scheme for Explosive Atmospheres

for rules and details of the IECEx Scheme visit www.iecex.com

Certificate No.: IECEx CML 16.0124X Issue No: 0 Certificate history:
Issue No. 0 (2016-12-23)

Status: Current Page 1 of 3

Date of Issue: 2016-12-23

Applicant: Cortem Group SpA
Cortem SpA - Villesse
Via Aquileia 10
34070 Villesse (Go)
Italy

Equipment: ECDE* Breather/Drain Plugs
Optional accessory:

Type of Protection: Ex eb/Ex tb

Marking: Ex eb IIC Gb
Ex tb IIIC Db
Ta = -60°C to +150°C

Approved for issue on behalf of the IECEx
Certification Body:

D R Stubbings MIET

Position:

Technical Director

Signature:
(for printed version)

Date:

2016-12-23

1. This certificate and schedule may only be reproduced in full.
2. This certificate is not transferable and remains the property of the issuing body.
3. The Status and authenticity of this certificate may be verified by visiting the Official IECEx Website.

Certificate issued by:

Certification Management Limited
Unit 1, Newport Business Park
New Port Road
Ellesmere Port, CH65 4LZ
United Kingdom





IECEX Certificate of Conformity

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Manufacturer: Cortem Group SpA
Cortem SpA - Villesse
Via Aquileia 10
34070 Villesse (Go)
Italy

Additional Manufacturing location(s):

This certificate is issued as verification that a sample(s), representative of production, was assessed and tested and found to comply with the IEC Standard list below and that the manufacturer's quality system, relating to the Ex products covered by this certificate, was assessed and found to comply with the IECEx Quality system requirements. This certificate is granted subject to the conditions as set out in IECEx Scheme Rules, IECEx 02 and Operational Documents as amended.

STANDARDS:

The electrical apparatus and any acceptable variations to it specified in the schedule of this certificate and the identified documents, was found to comply with the following standards:

IEC 60079-0 : 2011 Edition:6.0	Explosive atmospheres - Part 0: General requirements
IEC 60079-31 : 2013 Edition:2	Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure "t"
IEC 60079-7 : 2015 Edition:5.0	Explosive atmospheres – Part 7: Equipment protection by increased safety "e"

This Certificate does not indicate compliance with electrical safety and performance requirements other than those expressly included in the Standards listed above.

TEST & ASSESSMENT REPORTS:

A sample(s) of the equipment listed has successfully met the examination and test requirements as recorded in

Test Report:

GB/CML/EXTR16.0174/00

Quality Assessment Report:

GB/CML/QAR16.0013/01



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Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

See Certificate Annex

CONDITIONS OF CERTIFICATION: YES as shown below:

- 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 ring 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.

Annex:

1304 - Cortem Breather Drainer Valve - Certificate Annex IECEx.pdf

Annex to: IECEx CML 16.0124X Issue 0
Applicant: Cortem Group SpA
Apparatus: ECDE-* Breather/Drain Plugs

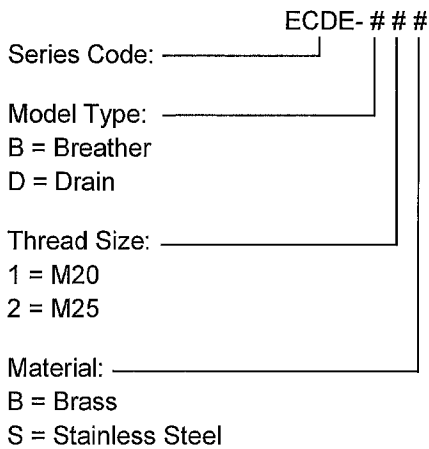


Product Description

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.

Coding



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