



[1]

EU-TYPE EXAMINATION CERTIFICATE


- [2] **Equipment intended for use in potentially explosive atmospheres
Directive 2014/34/EU – Annex III**
- [3] Certificate Number: **EPT 16 ATEX 2519** issue 0
- [4] Equipment: **Breathing, drainage valve**
Series: **CZ0527**
- [5] Manufacturer: **CZ EXPLOSION-PROOF ELECTRIC APPLIANCES CO., LTD**
- [6] Address: No.1 Qixing Road, Qixing Town, Nanhu District, Jiaying, Zhejiang, P.R.China
- [7] This equipment and its accepted variations are specified in the annex to this Certificate.
- [8] Eurofins Product Testing Italy S.r.l., Notified Body n. 0477 in accordance with Article 21 of the Directive 2014/34/EU of the European Parliament and of the Council of 26th 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 of the Directive.
The examination and test results are recorded in the confidential Report N° EPT.16.REL.01/54670
- [9] Compliance with the essential health and safety is assured through the verification of them and by compliance with the standard:
EN60079-0:2012+A11:2013; EN60079-7:2015; EN 60079-31:2014
- [10] If the sign "X" is placed after the Certificate number, it indicates that the equipment is subject to the special conditions for safe use specified in the annex to this Certificate.
- [11] This EU-TYPE EXAMINATION CERTIFICATE relates only to the design, the exam and the tests of the specified equipment.
Further requirements of the Directive 2014/34/EU apply to the manufacture and supply of this equipment. These requirements are not object of this Certificate.
- [12] The equipment shall include the sign  and the following string:

 II 2 GD
Ex eb IIC Gb
Ex tb IIIC Db

Tamb: -40°C ~ +85°C

Place and date of issue:

Torino, 2016-10-17



Dionisio Bucchieri
Dionisio Bucchieri
Directive Responsible

Paolo Trisoglio
Paolo Trisoglio
Managing Director



SGQ N° 133A
PRD N° 119B
Membro degli Accordi di Mutuo Riconoscimento EA, IAF e ILAC
Signatory of EA, IAF and ILAC Mutual Recognition Agreements

This Certificate has 4 pages and it is reproducible only in its entirety. Conditions of validity are reported below.



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ANNEX

[14]

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issue 0



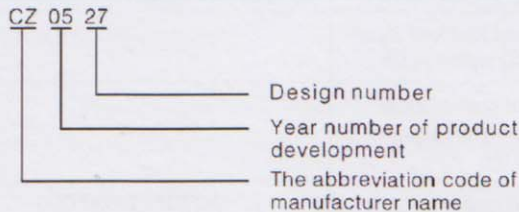
[15] **Equipment description**

CZ0527 Increased safety breathing, drainage valve can be used in Zone 1 and Zone 2 hazardous areas where IIA, IIB and IIC explosive gases or vapours are present, and in Zone 21 and 22 susceptible to combustible dust atmospheres. The valve is such designed that temperature-dependent pressure differences between the interior of an enclosure and the external atmosphere are reliably equalized and internally build-up condensation is thus restricted to minimum; the water, when present in the enclosure, can be drained away via the valve. For group III purpose, explosive dust is blocked out and finds no way to enter the interior of the enclosure where valves are installed.

The material of valve is high performance polyamide 66 resin.

The degrees of protection provided by enclosures depends on mounting positions of products, according to EN 60079-0 and EN 60529, is IP65 for a vertical downwards installation and IP64 for random installation.

Catalogue Number Logic



[16] **Assessment Report n° EPT.16.REL.01/54670**

This EC-Type Examination Certificate is released after the positive result of the conformity assessment of the Council Directive 2014/34/EU and to harmonized technical standards listed in this certificate performed by the Notified Body Eurofins Product Testing Italy S.r.l., and reported in the Assessment Report above cited.

[17] **Special condition for a safe use**

Not present

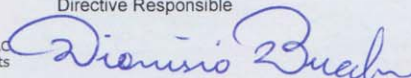
[18] **Essential Health and Safety Requirements**

Assured by compliance with harmonized standards.



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[19] **Descriptive documents**

The equipment objects of this Certificate are described by the following documents.

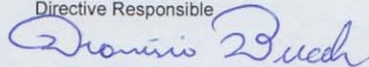
Scheduled documents are indicated with the symbol "✓". They cannot be modified without the explicit authorization of the Notified Body.

Title	Drawing No.	Rev.	Date	Scheduled
Increased safety breathing, drainage valve product explanation of operation head	PS-CZ0527-001	-	-	✓
Increased safety breathing, drainage valve Operating instructions	CZ0526-SP-16.3.21	-	-	✓
Common features of nylon sample	-	-	2015-07-30	✓
Product information of nylon resin	-	-	-	✓
Resistance to light test of nylon sample 1512W078	-	-	2016-03-24	✓
Structure diagram	2CZ0527.000.000	AA	-	✓
Technical data sheet of nylon sample	-	-	2011-08	✓
UL's testing of nylon resin	-	-	2015-06-25	✓



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[20] **Terms and conditions**

The product liability rests with the Manufacturer, his representative or, in the absence of a representative, with the importer, in accordance with the General Product Safety Directive 2001/95/EC.

The following conditions may render this certificate invalid:

- changes in the design or construction of the product;
- changes or amendments to the Directive;
- changes or amendments in the standards which form the basis for documenting compliance with the essential requirements of the 2014/34/EU Directive.

[21] **History**

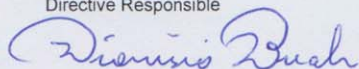
This certificate is at its first issue.



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End of Certificate

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