

**CERTIFICATE** 

**EC-TYPE EXAMINATION CERTIFICATE**

- [1] **EC-TYPE EXAMINATION CERTIFICATE**  
[2] Equipment or protective Systems intended for use in potentially explosive atmospheres

**Directive 94/9/EC**

- [3] EC-type Examination Certificate number:

**ICEPI 11 ATEX 03C002**

- [4] Equipment: **Stopping boxes with setting compound series EYS., EZS., EYD., EZD. and EZSY.**  
[5] Manufacturer: **FENEX S.r.l.**  
[6] Address: **Via G. Carducci, 29 - 34070 Moraro (GO) - ITALIA**  
[7] This equipment or protective system and any acceptable variation thereto is specified in the schedule of this certificate and the documents therein referred to.  
[8] ICEPI S.p.A., Notified Body number 0066 in accordance with article 9 of the Council Directive 94/9/EC of 23 march 1994, certifies that this equipment or protective system has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment and protective systems intended for use in potentially explosive atmospheres given in Annex II to the Directive.

The examination and test results are recorded in confidential Report n° RP11A0202.

- [9] Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

**EN 60079-0:2006 EN 60079-1:2007 EN 61241-0:2006 EN 61241-1:2004**

- [10] If the sign "X" is placed after the certificate number, it indicates that the equipment or protective system is subject to special conditions for safe use specified in the schedule of this certificate.  
[11] This EC-type Examination Certificate relates only to the design and construction of the specified equipment or protective system. Further requirements of this directive apply to the manufacture and supply of this equipment or protective system. These are not covered by this certificate.  
[12] The marking of the equipment or protective system shall include the following

 **II 2GD Ex d IIC Ex tD A21 IP66**

This certificate may only be reproduced in its entirety and without any change, schedule is included.

Piacenza, 03.03.2011

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Prepared  
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Verified  
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Approved  
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Dott. Ing. Andrea Guido Esposito

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## Schedule

[14] **EC-TYPE EXAMINATION CERTIFICATE n. ICEPI 11 ATEX 03C002**

[15] **Description of the equipment**

Stopping boxes with setting compound, series **EYS.**, **EZS.**, **EYD.**, **EZD.** and **EZSY.**, for installation on conduits, flameproof enclosures "d" or enclosures "tD". The stopping boxes are also intended to create *cable entries* into increased safety enclosures "e", and into pressurized enclosures "p".

The different types of sealing boxes are identified by a code as follows:

- EYS** : Stopping box for **vertical** installation
  - : Size: **1, 2, 3, 4, 5, 6, 7 e 8** (from 1/2" to 3")
- EZS** : Stopping box for **horizontal / vertical** installation
  - : Size: **1, 2, 3, 5, 6, 7 e 8** (from 1/2" to 3")
- EYD** : Stopping box for **vertical** installation, with draining valve
  - : Size: **1, 2, 3, 4, 5, 6, 7 e 8** (from 1/2" to 3")
- EZD** : Stopping box for **horizontal / vertical** installation, with draining valve
  - : Size: **1, 2, 3, 5, 6, 7 e 8** (from 1/2" to 3")
- EZSY** : **Universal** stopping box
  - : Size: **4, 5, 6, 7 e 8** (from 1 1/4" to 3")

Stopping boxes and plugs are generally manufactured in light alloy (G-AISI 13 UNI 4514); alternatively they can be made in stainless steel AISI 303, 304 o 316, or in brass OT 58. Tapered threads ANSI/ASME B.1.20.1 (NPT) are normally used; alternatively, other equivalent tapered or cylindrical threads can be used, as indicated on the documents attached to this certificate.

The sealing of stopping boxes shall be done with the resin supplied by the manufacturer. The sealing may be performed by the installer, or by the user of the equipment, following the manufacturer's instructions.

### Rated characteristics

- Degree of protection: IP66
- Ambient temperature: - 20 ÷ + 60 °C <sup>(1)</sup> / -20÷ + 80 °C <sup>(2)</sup>
- Maximum operating temperature <sup>(3)</sup>: 105 °C <sup>(1)</sup> - 130 °C <sup>(2)</sup>

<sup>(1)</sup> With polyurethane resin

<sup>(2)</sup> With epoxy resin

<sup>(3)</sup> The maximum operating temperature is determined by ambient temperature, heating of cables and heating of the apparatus on which the stopping box is installed.

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**Schedule**[14] **EC-TYPE EXAMINATION CERTIFICATE n. ICEPI 11 ATEX 03C002**[16] **Report n. RP11A0202****Routine verifications and tests**

The Manufacturer shall carry out the routine verifications and tests required at paragraph 27 of the standard EN 60079-0 and at paragraph 24 of the standard EN 61241-0.

**Descriptive documents**

1) –Technical File n. DORB1FX1-ATEX (40 pages) Rev. 1 dated 08.02.2011

A copy of the above listed documents is kept in ICEPI's file.

[17] **Special conditions for safe use (X)**

None.

[18] **Essential health and safety requirements**

Covered by the conformity to the listed standards.

**Certification validity conditions.**

Validity conditions of ICEPI's certification are indicated at points 4 & 5 of the contract between Client and ICEPI.

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