

# EU TYPE-EXAMINATION CERTIFICATE

1. EU type-examination Certificate (Module B)
2. Equipment or Protective System intended for use in potentially explosive atmospheres (Directive 2014/34/EU)



3. EU type examination certificate Nr **ITS-I 24 ATEX 38574 X**

4. **Product:** Sealing Fittings EZS models

5. **Manufacturer:** Bartec F.N.

6. **Address:** Via M. Pagano 3,  
20090 Trezzano sul Naviglio MI  
Italy

7. This product and any acceptable variation thereto are specified in the schedule to this certificate and therein referred to.

8. INTERTEK ITALIA S.p.A., Notified Body n° 2575 in accordance with article 17 of the Directive 2014/34/EU of the European Parliament and Council of the 26 February 2014, certifies that the 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 system intended for use in potentially explosive atmosphere, given in Annex II of the Directive.

The examination and tests results are recorded in confidential technical evaluation Intertek Report Nr. 200038574UDI-ATX dated 10 July 2024

9. Compliance with the Essential Health and Safety Requirements has been assured by compliance with EN IEC 60079-0:2018, EN 60079-1:2014 and EN 60079-31:2014 except in respect of those requirements referred to at item 16 of the Schedule.

10. If the sign X is placed after the certificate number, it indicates that the product is subject to Specific Conditions of Use specified in the schedule to this certificate.

11. This EU-Type Examination Certificate relates only to the design and construction of the specified product. Further requirements of the Directive apply to the manufacturing process and supply of this product. These are not covered by this certificate.

12. The marking of the product shall include the following:



II 2 G Ex db IIC T6 Gb  
II 2 D Ex tb IIIC T6 Db  
Tamb: -20°C ÷ +60°C

August 26, 2024

**Certificate issue date**

**Alessandro Savio**  
Certification Officer  
Intertek Italia S.p.A. (NB 2575)



PDR N° 277B

Membro degli Accordi di Mutuo Riconoscimento EA, IAF e ILAC

Signatory of EA, IAF and ILAC Mutual Recognition Agreements



This Certificate is for the exclusive use of Intertek's client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this Certificate. Only the Client is authorized to permit copying or distribution of this Certificate and then only in its entirety. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek.

**Intertek Italia S.p.A.** Via Miglioli, 2/A - 20063 Cernusco sul Naviglio, Milano - Italy



## SCHEDULE

EU TYPE EXAMINATION CERTIFICATE NUMBER: ITS-I 24 ATEX 38574 X

### 13. DESCRIPTION OF THE EQUIPMENT OR PROTECTIVE SYSTEM

The sealing fittings EZS are used to avoid the spread of flame along the conduits. They can be installed on both vertical and horizontal conduits. They must be installed as close as possible at Ex db electric equipment or in accordance with the maximum distances indicated on certificate of apparatus.

Maximum area occupied by the conductor out of total is 18% and maximum.

The sealing fittings are installable in flameproof enclosure with a maximum reference pressure of 9.4bar or less.

The type code of the product is EZS xyz where:

- EZS is commercial name
- x is threaded code
- y is threaded type
- z is material

The option for each code is described in the following table:

| Commercial name | Threaded code (x) | Threaded type (y) |         |       | Material (z) |                 |
|-----------------|-------------------|-------------------|---------|-------|--------------|-----------------|
|                 |                   | N                 | M       | I     | blank        | X               |
| EZS             | 01                | ½"                | M20x1.5 | M20x2 | Aluminum     | Stainless steel |
|                 | 02                | ¾"                | M25x1.5 | M25x2 |              |                 |
|                 | 03                | 1"                | M21x1.5 | M32x2 |              |                 |
|                 | 04                | 1" ¼              | M40x1.5 | M40x2 |              |                 |
|                 | 05                | 1" ½              | M50x1.5 | M50x2 |              |                 |
|                 | 06                | 2"                | M63x1.5 | M63x2 |              |                 |
|                 | 07                | 2" ½              | M75x1.5 | M75x2 |              |                 |
|                 | 85                | -                 | M85x1.5 | M85x2 |              |                 |
|                 | 08                | 3"                | M90x1.5 | M90x2 |              |                 |

Production site: Bartec F.N., Address: Via M. Pagano 3, 20090 Trezzano sul Naviglio (MI) Italy  
FENEX S.r.l., Address: Via Carducci, 16, 34070 Moraro (GO), Italy

CE Marking shall be accompanied by the identification number of the Notified Body responsible for surveillance of production.

### 14. DRAWINGS AND DOCUMENTS

| TITLE                                  | DOCUMENT Nr    | LEVEL | DATE       |
|--|----------------|-------|------------|
| Technical Note                         | NT 17-436      | 0     | 11/06/2024 |
| Instructions for use                   | IU 17-436      | 0     | 11/06/2024 |
| Sealing Fittings type EZS - dimensions | PNC 17-436-FG1 | 0     | 11/06/2024 |



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| TITLE   | DOCUMENT Nr    | LEVEL | DATE       |
|---|----------------|-------|------------|
| Sealing fittings – Tables related to cables passage and sealing | PNC 17-436-FG2 | 0     | 11/06/2024 |
| Sealing Fittings - Marking                                      | PNC 17-436-FG3 | 0     | 11/06/2024 |
| WEICON C epoxy resin datasheet                                  | ATT17-436-0E   | 0     | 11/06/2024 |

Copies of the above listed documents are kept at Intertek Italia S.p.A. archive.

### 15. SPECIFIC CONDITIONS OF USE

- See user manual to minimize the risk of electrostatic charge.
- The sealing fittings are installable in flameproof enclosure with a maximum reference pressure of 9.4bar or less.

### 16. ESSENTIAL HEALTH AND SAFETY REQUIREMENTS

The relevant Essential Health and Safety Requirements have been identified and assessed in Intertek Report Nr. 200038574UDI-ATX Revision 0 dated 10 July 2024

### 17. ROUTINE (FACTORY) TESTS

N/A