



[1] **EU-TYPE EXAMINATION CERTIFICATE - Translation**

[2] Components intended for use on / in an equipment or protective systems intended for use in potentially explosive atmospheres, Directive 2014/34/EU

[3] EU-type examination certificate number **IBExU99ATEX1118 U** | Issue 2

[4] Product: **Stainless steel enclosure**  
Type: 07-56.1-.../... and 07-55.1-.../...

[5] Manufacturer: BARTEC F.N.

[6] Address: Via Mario Pagano, 3  
IT-20090 Trezzano Sul Naviglio  
Milano  
ITALY

[7] This product and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.

[8] IBExU Institut für Sicherheitstechnik GmbH, notified body number 0637 in accordance with Article 17 of Directive 2014/34/EU of the European Parliament and of the Council, dated 26 February 2014, certifies that this product has been found to comply with the essential health and safety requirements relating to the design and construction of products intended for use in potentially explosive atmospheres given in Annex II to the Directive.

The examination and test results are recorded in the confidential test report IB-20-3-0167.

[9] Compliance with the essential health and safety requirements has been assured by compliance with: EN IEC 60079-0:2018, EN IEC 60079-7:2015/A1:2018 and EN 60079-31:2014 except in respect of those requirements listed at item [18] of the schedule.

[10] If the sign "U" is placed after the certificate number, it indicates that this certificate must not be mistaken for a certificate intended for an equipment or protective system. This partial certification may be used as a basis for certification of an equipment or protective system.

[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 2G Ex eb IIC Gb  
 II 2D Ex tb IIIC Db

IBExU Institut für Sicherheitstechnik GmbH  
Fuchsmühlenweg 7  
09599 Freiberg, GERMANY

Tel: + 49 (0) 37 31 / 38 05 0  
Fax: + 49 (0) 37 31 / 38 05 10

By order

Dr.-Ing. P. Cimalla



Certificates without signature and seal are not valid. Certificates may only be duplicated completely and unchanged. In case of dispute, the German text shall prevail.

Freiberg, 2023-06-22

[13] **Schedule**

[14] **Certificate number IBExU99ATEX1118 U | Issue 2**

[15] **Description of product**

The stainless steel enclosures of type 07-56.1-.../... and 07-55.1-.../... are made of metal and can be equipped with flanges. They are used for the installation of separately certified Ex components such as connection terminals and terminal blocks.

The stainless steel enclosures of type 07-56.1-.../... and 07-55.1-.../... can be closed with a cover or a hinged door. Optionally, they have a plastic viewing window.

**Technical data**

Sizes	Length	Width	Height
Smallest	100 mm	100 mm	60 mm
largest	1200 mm	1200 mm	400 mm

  

Service temperature range	-20 °C to ≤ +100 °C (EPDM gasket)* -40 °C to ≤ +100 °C (silicone gasket)* -40 °C to ≤ +80 °C (RAKU PUR gasket)
degree of protection (IP code)	minimum IP64 maximum IP66

\* The maximum permitted service temperature is 95 °C if the enclosure contains a plastic window.

*Variations compared to issue 1 of the certificate:*

*Variation 1*

The Stainless steel enclosure type 07-56.1-.../... and 07-55.1-.../... are manufactured by BARTEC F.N. mentioned under [5].

*Variation 2*

The minimum service temperature has been changed to -40 °C.

*Variation 3*

Conformity with current standards EN IEC 60079-0:2018 and EN IEC 60079-7:2015/A1:2018

[16] **Test report**

The test results are recorded in the confidential test report IB-20-3-0167 of 2023-06-21.

The test documents are part of the test report and they are listed there.

*Summary of the test results*

The Stainless steel enclosure type 07-56.1-.../... and 07-55.1-.../... mentioned under [4] still fulfil the requirements of explosion protection of Ex Components for the use in group II, category 2G in type of protection increased safety "eb" as well as category 2D in type of protection protection by enclosure "tb".

[17] **Schedule of Limitations**

- The service temperature range (-40 °C/-20 °C ... +80 °C/+100 °C) depends on the used gasket. If the empty enclosures contain a plastic window, the maximum applicable service temperature is 95 °C.
- Types including plastic windows exceeding 20 cm<sup>2</sup> (IIC) or 100 cm<sup>2</sup> (IIB, IIA) require a warning label according to EN IEC 60079-0, Clause 29.13 g).

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

In addition to the essential health and safety requirements (EHSRs) covered by the standards listed at item [9], the following are considered relevant to this product, and conformity is demonstrated in the test report:

None

[19] **Drawings and Documents**  
The documents are listed in the test report.

IBExU Institut für Sicherheitstechnik GmbH  
Fuchsmühlenweg 7  
09599 Freiberg, GERMANY

By order



Dr.-Ing. P. Cimalla

Freiberg, 2023-06-22



IBExU