



(1) **EU-TYPE EXAMINATION CERTIFICATE**
(Translation)

(2) Component Intended for Use in Potentially Explosive Atmospheres
Directive 2014/34/EU

(3) EU-Type Examination Certificate Number:

PTB 08 ATEX 1063 U

Issue: 01

(4) Product: Aluminium housing type 07-5180-****/****

(5) Manufacturer: BARTEC-VARNOST d.o.o.

(6) Address: Cesta 9. Avgusta 59, 1410 Zagorje ob Savi, Slovenia

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

(8) The Physikalisch-Technische Bundesanstalt, notified body No. 0102 in accordance with Article 17 of the 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 PTB Ex 19-18091.

(9) Compliance with the Essential Health and Safety Requirements has been assured by compliance with:
EN IEC 60079-0:2018, EN 60079-7:2015+A1:2018, EN 60079-31:2014

(10) The sign "U" placed behind the certificate number indicates that this certificate should not be confounded with certificates issued for equipment or protective systems. This partial certification may be used as a basis for certification of an equipment or protective systems.

(11) This EU-Type Examination Certificate relates only to the design and construction of the specified product in accordance to the Directive 2014/34/EU. 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 eb IIC Gb



II 2 D Ex tb IIIC Db

Konformitätsbewertungsstelle Sektor Explosionsschutz
On behalf of PTB

Braunschweig, November 11, 2019

Dr.-Ing. D. Markus
Direktor und Professor



(13) **SCHEDULE**

(14) **EU-Type Examination Certificate Number PTB 08 ATEX 1063 U, Issue: 01**

(15) Description of Product

Aluminium housings of type 07-5180-****/**** are empty enclosures that may be provided with 1 or 2 inspection windows made from plastic material.

Technical data

Sizes	Length	Width	Heigth
min.	58 mm	64 mm	36 mm
max.	600 mm	310 mm	180 mm

Service temperature range	-28 °C to +95 °C with EPDM gasket, without inspection window
	-25 °C to +95 °C with EPDM gasket, with inspection window(s)
	-55 °C to +100 °C with silicone gasket, without inspection window
Ingress Protection	IP66 acc. to EN 60529

Nomenclature

07-	5	1	8	0-	***	*/**	**
1	2	3	4	5	6	7	8

- 1: type number
- 2: Number for installation material
- 3: Number for junction box
- 4: Number for empty enclosure Ex e
- 5: Number for enclosure material and colour
 - 0: Aluminium
- 6: Number for length
 - min. 058 = 58 mm
 - max. 600 = 600 mm
- 7: Number for width
 - min. 064 = 64 mm
 - max. 310 = 310 mm
- 8: Number for height
 - min. 36 = 36 mm
 - max. 180 = 180 mm

SCHEDULE TO EU-TYPE-EXAMINATION CERTIFICATE PTB 08 ATEX 1063 U, Issue: 01

Modifications

New test according to the standards EN IEC 60079-0:2018, EN 60079-7:2015+A1:2018 and EN 60079-31:2014.

(16) Test report PTB Ex 19-18091

(17) Notes for manufacture, installation and operation

The empty enclosure must not be used in areas affected by charge-producing processes, mechanical friction and separation processes, electron emission (e.g. in the vicinity of electrostatic coating equipment), and pneumatically conveyed dust.

For windows with a surface resistance $>10^9$ Ohm exist potential electrostatic charging hazard.

These enclosures shall be equipped with following marking:

"Warning – potential electrostatic charging hazard.

Only wet cleaning. See instructions".

Installation of electrical components requires a further assessment by an ExCB.

(18) Essential health and safety requirements

Met by compliance with the aforementioned standards.

According to Article 41 of Directive 2014/34/EU, EC-type examination certificates which have been issued according to Directive 94/9/EC prior to the date of coming into force of Directive 2014/34/EU (April 20, 2016) may be considered as if they were issued already in compliance with Directive 2014/34/EU. By permission of the European Commission supplements to such EC-type examination certificates and new issues of such certificates may continue to hold the original certificate number issued before April 20, 2016.

Konformitätsbewertungsstelle, Sektor Explosionsschutz
On behalf of PTB:

Braunschweig, November 11, 2019


Dr.-Ing. D. Markus
Direktor und Professor



sheet 3/3

EU-Type Examination Certificates without signature and official stamp shall not be valid. The certificates may be circulated only without alteration. Extracts or alterations are subject to approval by the Physikalisch-Technische Bundesanstalt. In case of dispute, the German text shall prevail.