

(1) EU-Type Examination Certificate

(2) Equipment or Protective Systems Intended for use in Potentially Explosive Atmospheres

Directive 2014/34/EU

(3) EU – Type Examination Certificate Number: **IEP 23 ATEX 1164X**

(4) Product: **RES2015-EX Type Gas Detector Enclosure**

(5) Firm Name: **REZONANS ELEKTRİK MÜHENDİSLİK YAZILIM TAAHHÜT SAN. TİC.**

HÜSEYİN YİĞİT PARDI

(6) Firm Address: **İçmeler Mah. No:71/2B Yeşilbahçe Sitesi Urla - İzmir / TÜRKİYE**

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

(8) The IEP Uluslararası Enerji Petrol Gözetim, Sertifikasyon ve Teknik Hizmetler Organizasyonu Tic. Ltd. Sti., notified body number 2284 in accordance with Article 17 of the Directive 2014/34/EU of 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 confidential Report Nr: IEP.Rp.Ex.10-2405 date 02.02.2023.

(9) Compliance with Essential Health and safety requirements has been assured by compliance with ;

EN IEC 60079-0:2018, EN 60079-1:2014

(10) If the sign “ X “ is placed after the certificate number, it indicates that the product is subject to Specified Conditions of Safe 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 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 equipment or protective system shall include the following:



II 2G Ex db IIB T6 Gb, IP 65

Responsible Person:

Nurettin Terzioglu
Head of Certification Body



Date of Issue : 03.02.2023





IEP ENERGY PETROLEUM INSTITUTE

(13) Schedule

(14) Certificate Nr: **IEP 23 ATEX 1164X**

(15) Description of Equipment: RES2015-EX type gas detector enclosure is designed for use in potentially explosive atmospheres. Technical drawings and user manual of RES2015-EX type gas detector enclosure are given in [18] list of documentation.

Technical Parameters:

Product Type	RES2015-EX
Operating Voltage	9-24 VDC
Power	6 W
IP protection Class	IP 65
Ambient Temperature	-20 °C ~ +50 °C

(IEP 23 ATEX 1044X) X Means : Installation and periodic maintenance should be done according to the user manual and related standards. Installation and maintenance should be done by an authorized firm or personnel. The certificate becomes invalid if there is an unapproved revision or part replacement.

(16) Special conditions for safe use: The RES2015-EX type gas detector enclosure has not been assessed for performance tests on declared gases and sensor types used.

(17) This certificate is in the contents of standards that mentioned in item [9] It has been accepted that are manufactured according to the producer instructions and the standards mentioned above.

(18) List of documentation:

RES2015-EX type gas detector enclosure user manual [14.12.2022 / 9 page]

Drawings:

Drawing Nr;	Drawing Name ;	Date;
Gas Alarm Detector	Res2016-EX1	23.03.2016
Aluminum Box	Res2016-EX1-01	23.03.2016
Aluminum Cover	Res2016-EX1-02	23.03.2016
Aluminum Record Cover	Res2016-EX1-03	23.03.2016
Aluminum Union	Res2016-EX1-04	23.03.2016
72x3mm NBR 70 O-Ring	Res2016-EX1-08	23.03.2016
26x3 mm Sintered Filter	Res2016-EX1-11	23.03.2016
Use and Maintenance Manual	Res2015-EX	23.03.2016

For the validity of analysis type certificate, the parts that are used in RES2015-EX type gas detector enclosure are determined in confirmed in the component and part list table 1-2 date 13.12.2022.

Responsible Person :

Nurettin Terzioglu
Head of Certification Body



Date of Issue : 03.02.2023



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