

Supplement No: 1**(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 10 ATEX 012X****(4) Product: Solenoid Valve, GO-RC1 type****(5) Manufacturer: VASTAŞ Valf Armatür San. ve Tic. A.Ş.****(6) Address: Organize Sanayi Bölgesi Sabancı Cad. No:22 Cerkezköy Tekirdağ TURKEY****(7) This product and 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.10-299-1 date 19.10.2018.****(9) Compliance with Essential Health and safety requirements has been assured by compliance with;****EN 60079-0:2013, EN 60079-1:2014, EN 60079-18:2015, EN 60079-31:2014****(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 IIC T5 Gb
II 2G Ex mb IIC T3 Gb
II 2D Ex tb IIIC T (90 °C) Db IP 66 / IP 67****Responsible Person:****Nurettin Terzioglu
Head of Certification Body****Supplement Date of Issue: 22.10.2018**



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(13) Schedule

(14) Certificate Nr: **IEP 10 ATEX 012X**

(15) Description of Equipment: GO-RC1 type solenoid valve II C group under the gas / fuel 's transfer during the opening and closing with the task of the mechanical system as the electrical equipment are manufactured. The GO-RC1 type solenoid valve outer housing Ex db flame-proof, inside coil Ex mb type has been mounted. No energy connection between the coil and the outer housing. The internal clearance is $x < 10 \text{ cm}^3$. GO-RC1 type solenoid valve at the table used parts are available in the 28 .10.2010 date GO-SV-09.01-0R1 List. GO-RC1 type solenoid valve has been evaluated in the contents of IP 67. GO-RC1 type Solenoid valve has been evaluated as Zone 1or 2 and Zone 21 or 22 that be used danger area determined in the EN 60079-10-1 and EN 60079-10-2 standard. IP protection grade and operating ambient temperature have been changed.

GO-RC1 type solenoid valve technical parameters:

Product Type	GO-RC1
IP XY protection	Outer body and Solenoid coil IP 67
Max. Working pressure (Bar)	110 Bar
Ambient temperature (°C)	Ta: - 40°C ~ + 70°C and Ta : - 40°C ~ + 30°C
Electrical parameters	24 V DC , 1 A Max
Solenoid valve temperature class T _x	Ta : - 40°C ~ + 70°C Ex db and Ex tb T5 ; Ex mb T3
	Ta : - 40°C ~ + 30°C Ex db and Ex tb T5 ; Ex mb T4
(IEP 12 ATEX 012 X) X means: The GO-RC1 type solenoid valve outer housing Ex db flame-proof, inside coil Ex mb type has been mounted. The solenoid coil temperature class is T3-T4, outer body flame proof and dust ignition protection by enclosure tb temperature class is T5. Check the user manual for installation.	

(16) Special conditions for safe use : Assembly and working of GO-RC1 type solenoid valve with other related equipments must be adapted to national regulations.

(17) Essential Health and Safety Requirements :

17.1 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.

17.2 Information's of assembled working of GO-RC1 type solenoid valve with other related equipments exist in instruction manual with 6 pages approved and date 28.10.2010 Date of new revision 08.08.2018).

Responsible Person:

Nurettin Terzioglu
Head of Certification Body



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(19) Schedule

(20) Certificate Nr: **IEP 10 ATEX 012X**

(18) List of documentation:

- GO-RC1 type solenoid valve user manual 6 pages, date 28.10.2010,(New revision date 18.08.2018)

Drawing Nr ;	Drawing name;	Date ;
GO-SV-09.01-0R1	Solenoid valve assembly	28.10.2010
GO-SV-09.01-8R2	Solenoid valve assembly	18.08.2018
GO-SV-09.02-0R1	Label	28.10.2010
GO-SV-09.02-8R2	Label	10.08.2018
GO-SV-09.03-0R1	Up nozzle group	28.10.2010
GO-SV-09.04-0R1	Body	28.10.2010
GO-SV-09.05-0R1	Core & Case	28.10.2010
GO-SV-09.06-0R1	Core bushing & Down core fitting	28.10.2010
GO-SV-09.07-0R1	Cover & Case	28.10.2010
GO-SV-09.08-0R1	Spring	28.10.2010
GO-SV-09.09-0R1	Nozzle & Thrust pin	28.10.2010
GO-SV-09.10-0R1	Pipe & Winding bobbin	28.10.2010
GO-SV-09.11-0R1	Solenoid valve complete	28.10.2010
GO-SV-09.11-8R2	Solenoid valve complete	10.08.2018

For the validity of analysis type certificate , the parts that are used in GO-RC1 type solenoid valve is determined in confirmed GO-SV-09.01-0R1 drawing dated 28.10.2010(Revision date 08.08.2018),

Additional documents:

- Digital pictures 2-1 and technical sheets (Revision date 08.08.2018),
- Technical specification label 3-1(Revision date 08.08.2018),
- Label location , ground connection 3-2 ,
- Power wiring diagram 3-3
- TSE test report 430663 / 09-18, date 18.09.2018

GO-RC1 type solenoid valve are indicated in the component list GO-SV-09.01-8R2 and date 18.08.2018

Certificate History:

Supplement Nr.	Issue Date	Summary Description of Variation
01	11.10.2018	<ul style="list-style-type: none">· Update to new edition of EN 60079-0:2013, EN 60079-1:2014, EN 60079-18 and EN 60097-31:2014,· Upgrade to ATEX directive 2014/34/EU,· Upgrade IP 67
00	23.07.2011	First issue of certificate

Responsible Person:

Nurettin Terzioğlu
Head of Certification Body

Supplement Date of Issue: 11.10.2018



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