



[1] EC-Type Examination Certificate

[2] Equipment or Protective Systems Intended for use in Potentially Explosive Atmospheres

Directive 94/9/EC

[3] EC – Type Examination Certificate Number : IEP 14 ATEX 0237

[4] Equipment or protective system : F Type Fuel Flow Meter

[5] Firm : AKSIS Akaryakıt Sistemleri Elektronik San. ve Tic . Ltd. Şti.
Firm Address : İstoç Sanayi Sitesi 31.Ada No:73 Bağcılar İstanbul – TURKEY[6] Producer : TOKICO Technology Ltd.
Producer address : 13 Tanyou, Kakegawa-shi, Shizuoka, JAPAN 436-0082

[7] This equipment or protective system and any of acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.

[8] The IEP Uluslar Arası Enerji Petrol Gözetim , Sertifikasyon ve Teknik Hizmetler Organizasyonu Tic. Ltd. Sti. , notified body number 2284 in accordance with Article 9 of the Council Directive 94/9/EC of 23 March 1994 , certifies that this 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 systems intended for use in potentially explosive atmospheres given in Annex II to the Directive. The examination and test results are recorded in confidential Report N : IEP - RP.Ex - 10.620 date 17.07.2014

[9] Compliance with Essential Health and safety requirements has been assured by compliance with ;

EN 13463-1 : 2009 , EN 13463-5 : 2011 , EN 13463-8 : 2003

[10] If the sign " X " is placed after the certificate number , it indicates that the equipment or protective system is subject to special conditions for safe use specified in the schedule to this certificate.

[11] This EC-Type Examination Certificate relates only to the design examination and testing of the specified equipment or protective system in accordance to the directive 94/9/EC. Further requirements of the directive apply to the manufacturing process and supply of this equipment or protective system. These are not covered by this certificate.

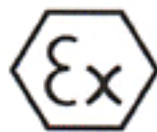
[12] The marking of the equipment or protective system shall include following :

II ½ G ck IIA

Responsible person :

Nurettin Terzioğlu
Head of certification body

Date of issue : 18.07.2014

IEP Uluslar Arası Enerji Petrol Gözetim , Sertifikasyon ve Teknik Hizmetler Organizasyonu Tic. Ltd. Sti.
MTK Sitesi 5746/1 Sok. No:9 K:2 Camdibi – IZMIR / TURKEY Tel : +90 232 431 17 45 46 & Fax : +90 232 431 17 30
Fr:45 Number of Pages : 1 / 2This certificate is granted subject to the general conditions of the IEP Energy Petroleum Institute.
This certificate may only be reproduced in its entirety and without any change , schedule included.

[13] Schedule

[14] Certificate Nr : IEP 14 ATEX 0237

[15] Description of Equipment Protective System

The piston type flow meter is a 4-piston meter with the cylinders arranged 90 derece apart from another .
The purpose of the unit is to act as a flow meter and to transmit it is measurement of flow to the pulser.
F type piston meter made from body Al . Inside equipments stainless steel , steel , carbon , brass , zinc , pom , and copper . Isolation materials FKM , NBR and teflon .

Type	Flow Min (Lt/Min)	Flow Max (Lt/Min)	Pressure Bar (Max)	Pressure Bar (Operation)	System
F	3	90	3,0	2,0	4 pistons
T _{out} : -10 ; + 50 , Accuary : ± % 0,3					

[17] Special conditions for safe use : The installation and the operation of the F type piston meter have to confirm to the relevant national regulations.

[18] Essential Health and Safety Requirements :

18.1 Are included in standards , which are mentioned in clause (9) of this certificate. The products was approved in accordance with above mentioned standards and manufacturer's instruction.

18.2 At the installation and the operation of the F type piston meter have to be observed manufacturer's manual 23.05.2014 , 10 page .

[19] List of documentation

Drawing Nr ;	Drawing Name ;	Date ;
6 5	Label	23.05.2014
P.6	Overall view	23.05.2014
P 8	Exploded	23.05.2014
P 10	View (Top , Side and bottom)	23.05.2014
P 10	Connection cross section	23.05.2014
P 11	Connection diagram	23.05.2014
P 12	Piston meter assembly detail	23.05.2014
P 13	Seal plan	13.05.2013

➤ The List of the materials which F type piston meter technical specifications – table P 9-1/2 list , 2 page and dated 23.05.2014

Responsible person ;

Nurettin Terzioğlu
Head of certification body

Date of issue : 18.07.2014

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