

[1] EC TYPE-EXAMINATION CERTIFICATE

[2] Equipment or Protected System Intended for use
in Potentially explosive atmospheres
Directive 94/9/EC

- [3] EC-Type Examination Certificate Number: Nemko 06ATEX1219X
- [4] Equipment or Protective System: Flame Detector IPES
- [5] Applicant: JSC "Electronstandart-pribor"
[6] Address: 35/2, pr. Slavy
St.Petersburg
192286, Russia
- [5] Manufacturer: JSC "Electronstandart-pribor"
[6] Address: 35/2, pr. Slavy
St.Petersburg
192286, Russia
- [7] This equipment or protective system and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.
- [8] Nemko AS, notified body number 0470 in accordance with Article 9 of 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 no. 69651
- [9] Compliance with the Essential Health and Safety Requirements has been assured by compliance with:
CENELEC EN 50014: 1997 + A1: 1999 + A2: 1999 and CENELEC EN 50018: 2000
- [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 tests 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 the following:



II 2 G

EEx d IIC T4, Ta: +85°C

Oslo, 2006-07-20



Rolf Hoel

Certification Department

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[13] Schedule**[14] EC-TYPE EXAMINATION CERTIFICATE No Nemko 06ATEX1219X****[15] Description of Equipment or Protective System**

IPES Flame Detector comprises explosion-proof enclosure with protection glass and cable entry.

Type Designations

IPES-IR/UV

Technical Data

18...32VDC, Max 3VA

Degree of Protection

IP66 according to EN 60529

[16] Report No. 69651**Descriptive Documents**

Name/Title	Drawing No.	Rev.	Date	Sheets
Cable entry, Assembly drawing	GSKF.305311.001AD	-	2003-08-13	1
Washer	GSKF.711141.003	-	2003-08-13	1
Coupling	GSKF.712341.001	-	2003-08-13	1
Reducing socket	GSKF.714 751.009	-	2003-08-13	1
Reducing socket	GSKF.714 751.003	-	2003-08-13	1
Enclosure for IPES	GSKF.713538.004	-	2003-08-13	1
Marking plate	GSKF.754312.021	-	2003-08-13	2
Cover of enclosure, Assembly drawing	GSKF.301265.002 SB	-	2003-08-13	1
Cover of enclosure	GSKF.711148.003	-	2003-08-13	1
Optical protection, sapphire glass OMLDY, enclosure	GSKF.711111.005	-	2003-08-13	1
Optical protection, quartz glass KI enclosure	GSKF.711111.006	-	2003-08-13	1
Base of enclosure, Assembly drawing	GSKF.301314.001SB	-	2003-08-13	1
Base of enclosure	GSKF.713344.002	-	2003-08-13	1
Plate	GSKF.754342.018	-	2003-08-13	1
Connecting plate, Electrical diagram	GSKF.426476.002 E3	-	2003-08-13	1
General arrangement for IPES-IR/UV	GSKF.425248.001SB	-	2003-08-13	1
Plate	GSKF.711144.002	-	2003-08-13	1
Drawing of Explosion Protection Means of Flame Detector IPES-IR/UV	GSKF.425248.001DE	-	2003-08-13	1

[17] Special Conditions for Safe Use

The flame detector shall only be used where the mechanical influence is low.

[18] Essential Health and Safety Requirements

See item 9

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