

CESI

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Capitale sociale 8 550 000 €
interamente versato
Codice fiscale e numero
iscrizione CCIAA 00793580150

Registro Imprese di Milano
Sezione Ordinaria
N. R.E.A. 429222
P.I. IT00793580150

Schema di certificazione

CESI-ATEX

Il CESI è stato autorizzato
dal governo italiano ad
operare quale organismo di
certificazione di apparecchi
e sistemi destinati a essere
utilizzati in atmosfera
potenzialmente esplosiva
con D.M. 1/3/1983, D.M.
19/6/1990, D.M. 20/7/1998,
D.M. 27/9/2000 e D.M.
02/02/2006

ATEX E C-02

CERTIFICATE



[1] EC-TYPE EXAMINATION CERTIFICATE

[2] **Equipment or Protective System intended for use
in potentially explosive atmospheres
Directive 94/9/EC**

[3] EC-Type Examination Certificate number:

CESI 03 ATEX 042

[4] Equipment: **Thermal sensor type TMP**

[5] Manufacturer: **Oggioni S.a.s.**

[6] Address: **Via G. da Besana, 11 – 20045 Besana Brianza (MI) – Italy**

[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] CESI, notified body n. 0722 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. EX-A3/007390.

[9] Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

EN 50014: 1997 + A1..A2

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 T6

This certificate may only be reproduced in its entirety and without any change, schedule included.

Date October 15, 2009 – (Revision 01 of the certificate issued the June 23, 2003)

Prepared
Mirko Balaz

Approved
Fiorenzo Bregani

CESI S.p.A.
Divisione Energia
"Area Tecnica Certificazione"
Il Responsabile

[13]

Schedule

[14] EC-TYPE EXAMINATION CERTIFICATE n. CESI 03 ATEX 042

[15] **Description of equipment**

The thermal sensor type TMP is formed by a body sensor type TMP2 containing the electronic circuit for the conditioning of the signal generated by a transducer type NTC or PTC, coupled to an enclosure containing terminal blocks for the connection to the external circuits.

The accessories used for cable entries must be certified according to EN 50014 and EN 50018 standard.

Electrical characteristics

Rated voltage	:	9 ÷ 30Vdc or Vac
Current consumption	:	10 µA ÷ 20 mA
Output signal	:	4 ÷ 20 mA

[16] **Report n.**

CESI EX-A3/007390.

Routine tests

The manufacturer must carry out the routine tests prescribed at clause 24 of EN 50014.

Descriptive documents (prot. EX-A3/007394)

- n. Coelbo letter		dated	23.06.2003
- n. Technical note NT022903	Rev. 1	dated	23.06.2003
- n. Instruction		dated	23.06.2003
- n. 012502EX		dated	17.12.2002
- n. EC Declaration of Conformity		dated	23.06.2003

One copy of all documents is kept in CESI files.

[17] **Special conditions for safe use**

None.

[18] **Essential Health and Safety Requirements**

Assured by the conformity to the standards.

Note: Manufacturer Name has been correct

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