

EC TYPE EXAMINATION CERTIFICATE

Equipment or protective system intended for use
in potentially explosive atmospheres
Directive 94/9/EC

EC type examination certificate number: ISSeP01ATEX007

Equipment or protective system: junction box for thermocouples and sensors type GUIJP

Applicant – Manufacturer: CO.SI.ME. S.r.l.

Address:

Via Asiago n° 51
I 20128 Milano
ITALY

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

ISSEP, notified body n° 492 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° 01004

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

EN 50014 – Ed. 1997 + A1 and A2 - 1999
EN 50018 – Ed. 1994
EN 50281-1-1 - Ed. 1998

The symbol "X" placed after the certificate number indicates that the equipment or protective system is subject to special conditions for safe use specified in the schedule to this certificate.

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 this Directive may apply to the manufacturing process and supply of this equipment or protective system. These are not covered by this certificate.

The marking of the equipment or protective system shall include the following indications:

Ex II 2 GD BExd IIC T6 85°C

Colfontaine, the 02.03.01

Renaud Alain
Renaud Alain
Manager of Colfontaine division

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Rue Grande, 60 - B7340 Colfontaine
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SCHEDULE

EC TYPE EXAMINATION CERTIFICATE N° ISSeP01ATEX007

Description of the equipment or protective system:

Metal box with a threaded cover fitted with a terminals

Connection of the apparatus.

The connection of the apparatus shall be made by cable entries of a certified flameproof model or by threaded metal conduits; in this case a stopping box with compound filling of a certified flameproof model shall be placed at the entry of the apparatus. The unused threaded holes shall be shut by certified flameproof plugs. These accessories shall be screwed in accordance with the prescriptions of the item 5.3. of EN 50018. These accessories are not included in the present certificate and shall be suitable with the conditions of use.

Routine verifications and tests.

The manufacturer shall make the routine verifications and tests necessary to ensure that the electrical apparatus produced complies with the specification submitted to the testing station together with the prototype or sample (item 24 – EN 50014).

The routine pressure test exemption is conceded (item 16 – EN 50018).

Electrical parameters : Vmax = 500 V. I max = 16 A.

Classification according EN 60529 (1991) : IP 66.

Descriptive documents

The report ISSeP n° 01004 of 27 sheets

The drawing n° AC10006 rev. 3 du 09.02.01

The technical note ref. AC10006TN rev. 1 of 09.02.01 (3 sheets)

The data sheets n° 13 et 187 of 07.02.01

The instructions note ref. IU-GUIJP rev. 1 of 09.02.01.

Special conditions for safe use : nihil.

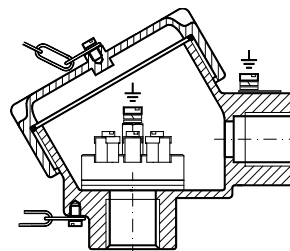
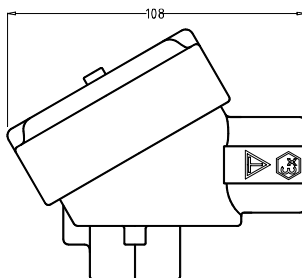
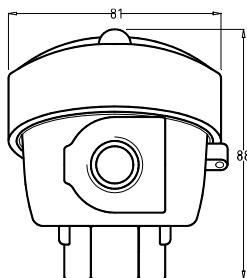
Essential Health and Safety Requirements : nihil.

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Documento / Document			IU-GUJP		
N° Pagine / Sheet N°			1	di / of	1
REV	0	1	2	3	4
DATA	15/12/00	09/02/01			
EXE by	M.T.	M.T.			
CHK by	F.C.	F.C.			
APP by	M.T.	M.T.			

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Questo documento non può essere modificato senza l'approvazione dell' Organismo Notificato.
This document cannot be modified without approval of the Notified Body.



1 Istruzioni di sicurezza

Queste istruzioni devono essere conservate in luogo sicuro per future consultazioni. Per personale esperto e qualificato in accordo alle Leggi nazionali, in accordo alle relative Norme e, dove applicabile, in accordo alla IEC-79-17 per costruzioni elettriche per atmosfere potenzialmente esplosive. Questa costruzione elettrica deve essere installata solo per l'utilizzo per il quale è destinata. Non è ammessa alcuna modifica alla costruzione elettrica. Rispettare le caratteristiche elettriche indicate sulla costruzione.

Questa costruzione elettrica non è adatta per l'utilizzo in zona 0 e zona 20

1 Safety instructions

These operating instructions must be kept in safe place for later consultations.

For skilled and experienced personnel according with the national laws, the relevant standards and, where applicable, according with IEC-79-17 standards for electrical apparatus for potentially explosive atmospheres.

This electrical apparatus must be used for its intended purpose. No modifications to the electrical apparatus shall be allowed. Observe the electrical features indicated on the apparatus.

This electrical apparatus is not suitable to be installed in zone 0 and zone 20

2 Conformità alle Norme

La costruzione elettrica è conforme a : Norme EN 50014, EN 50018, EN 50281-1-1 ed alla Direttiva 94/9/EC.

Costruzione elettrica per zona 1, zona 2, zona 21 e zona 22 (IEC 79-14 / CEI EN 60079-14).

2 Conformity with standards

The electrical apparatus meet the requirements of: EN 50014, EN 50018, EN 50281-1-1 and Directive 94/9/EC.

Electrical apparatus for zone 1, zone 2, zone 21 and zone 22 (IEC 79-14 / CEI EN 60079-14).

3 Dati Tecnici - Technical data

Modo di protezione :	EEx d IIC T6 (EN 50014)	II 2 G D (Directive 94/9/EC)
Protection mode :	T 85°C (EN 50281-1-1)	
Grado di protezione :	IP 66 (EN 60529)	
Protection degree :		
Certificato di esame CE del tipo :	ISSEp 01 ATEX007	Peso : ~ 0,4 Kg
EC-type examination certificate :		Weight :
Temperatura ambiente [°C]: - 20 + 40	Temperatura di immagazzinaggio :	- 20 + 60°C
Ambient temperature [°C]:	Storage temperature :	
Tensione nominale [V]: 500	Corrente nominale [A] : 16	Frequenza : 50 ÷ 60Hz
Rated voltage [V]:	Rated Current [A]:	Frequency :
Entrate di cavo :	EEx d IIC (EN 50018)	Coppia di serraggio viti di terra [Nm]: 3,5
Cable entry :		Torque for earth screw [Nm]:
Morsetti di connessione : fino a 4 mm ²	Coppia di serraggio coperchio [Nm]: 2	
Terminals connections : up to a 4 mm ²	Torque for cover [Nm]:	

4 Installazione

La costruzione elettrica può essere installata solo se esente da danni. Rispettare le Norme nazionali in materia di costruzioni elettriche per atmosfera potenzialmente esplosiva. Utilizzare solo accessori forniti da CO.SI.ME. per l'installazione della costruzione elettrica. Prima di chiudere il coperchio verificare che i filetti di accoppiamento siano esenti da corpi estranei e difetti. Sostituire la guarnizione durante le manutenzioni periodiche.

4 Installation

The electrical apparatus shall be installed in absence of damages. Observe the national standards concerning electrical apparatus for potentially explosive atmospheres. Utilize the installation accessories supplied by CO.SI.ME. Before installing the cover on the box, check that threaded were free of foreign matters and deformations. During periodical maintenance, replace the gasket .



5 Manutenzione

Le riparazioni o sostituzioni di parti danneggiate o non funzionanti possono essere effettuate solo da personale esperto e qualificato con parti di ricambio fornite da CO.SI.ME.

5 Maintenance

Repairs and replacements of damaged or faulty parts must be carried out by skilled and experienced personnel with spare parts supplied by CO.SI.ME.



6 Eliminazione / Riciclaggio L'eliminazione e riciclaggio del prodotto deve essere effettuata in accordo alle Norme nazionali in materia di rifiuti. ATTENZIONE : NON DISPERDERE L'APPARECCHIO ED I SUOI COMPONENTI NELL'AMBIENTE.

6 Disposal / Recycling Disposal and recycling of the apparatus according to national regulations for waste disposal and recycling .
WARNING : DO NOT DISPOSE THE APPARATUS AND HIS COMPONENTS IN THE ENVIROMENT.

Dichiarazione CE di conformità *EC Declaration of conformity*

Noi
We

Dichiariamo sotto la nostra esclusiva responsabilità che i prodotti :
Declare under our sole responsibility that the products :

CO.SI.ME. Srl
Via Asiago, 51
20128 Milan
ITALY

Morsettiere tipo **GUJP**
*Junction boxes type **GUJP***

ai quali questo attestato si riferisce sono conformi alla Direttiva comunitaria ATEX 94/9/CE
to which this attestation relates are in conformity with the community Directive ATEX 94/9/EC

e sono costruiti in accordo alle seguenti Norme :
and they are manufactured in conformity with the following Standards :

EN 50014 : 1997 + A1/A2 : 1999
EN 50018 : 2000
EN 60529 : 1991

Certificato di esame del prodotto :
Examination certificate of the product :

ISSeP 01ATEX007

Nome dell' Organismo incaricato della sorveglianza ai fini della qualità : **CESI**
Name of Body involved in the production quality system surveillance :

N° dell' Organismo notificato
N° of the notified Body

0722

Milano, 15 december 2000
(luogo e data)
(place and date of issue)

Ing. Massimo Tonetti
(nome e firma o timbratura equivalente della persona autorizzata)
(name and signature or equivalent marking of authorised person)

