



IECEx Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification Scheme for Explosive Atmospheres

for rules and details of the IECEx Scheme visit www.iecex.com

Certificate No.: IECEx LCIE 13.0005U issue No.:0 Certificate history:

Status: **Current**

Date of Issue: **2013-02-22** Page 1 of 3

Applicant: **FEAM**
Via M. Pagano 3
20090 Trezzano s/N
Italy

Electrical Apparatus: **Explosion proof control switch - type IRE-...**
Optional accessory:

Type of Protection: **Ex d e**

Marking: FEAM
Address : ...
Type : IRE-...
Serial Number : ...
Year of construction : ...
Ex d e IIC Gb
IECEx LCIE 13.0005 U
U, I


*Approved for issue on behalf of the IECEx
Certification Body:*

Julien GAUTHIER

Position:

Certification Officer

*Signature:
(for printed version)*



2013-02-22

Date:

1. This certificate and schedule may only be reproduced in full.
2. This certificate is not transferable and remains the property of the issuing body.
3. The Status and authenticity of this certificate may be verified by visiting the [Official IECEx Website](http://www.iecex.com).

Certificate issued by:

Laboratoire Central des Industries Electriques (LCIE)
33 Avenue du General Leclerc
FR-92260 Fontenay-aux-Roses
France

**Documents relative to LCIE certification activities (Certificates,
QARs, ExTRs) can be registered under the references "LCI" or
"LCIE".**



L C I E



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Manufacturer: **FEAM**
Via M. Pagano 3
20090 Trezzano s/N
Italy

Additional Manufacturing location(s):

This certificate is issued as verification that a sample(s), representative of production, was assessed and tested and found to comply with the IEC Standard list below and that the manufacturer's quality system, relating to the Ex products covered by this certificate, was assessed and found to comply with the IECEx Quality system requirements. This certificate is granted subject to the conditions as set out in IECEx Scheme Rules, IECEx 02 and Operational Documents as amended.

STANDARDS:

The electrical apparatus and any acceptable variations to it specified in the schedule of this certificate and the identified documents, was found to comply with the following standards:

IEC 60079-0 : 2011 Explosive atmospheres - Part 0: General requirements
Edition: 6.0

IEC 60079-1 : 2007-04 Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"
Edition: 6

IEC 60079-7 : 2006-07 Explosive atmospheres - Part 7: Equipment protection by increased safety "e"
Edition: 4

*This Certificate **does not** indicate compliance with electrical safety and performance requirements other than those expressly included in the Standards listed above.*

TEST & ASSESSMENT REPORTS:

A sample(s) of the equipment listed has successfully met the examination and test requirements as recorded in

Test Report:

[FR/LCIE/ExTR13.0004/00](#)

Quality Assessment Report:

[CN/CQM/QAR07.0003/03](#)
[IT/CES/QAR09.0003/02](#)

[IT/CES/QAR09.0003/00](#)
[IT/CES/QAR09.0003/03](#)

[IT/CES/QAR09.0003/01](#)



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Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

The explosion proof control switch is composed of cam mechanisms, contacts and accessories activated by a head of command.

Specific parameters of the concerned protection mode :

Rated voltage : 230/415 VAC

Rated current : 16 A

Schedule of limitations :

$-20^{\circ}\text{C} \leq T_{\text{amb}} \leq +60^{\circ}\text{C}$

The explosion proof control switch shall be installed in an enclosure at least IP54 and which is conform to requirements of standard IEC 60079-7.

CONDITIONS OF CERTIFICATION: NO



IECEX LCI 13.0005 U issue 00 Attachment n°01



List of models :

IRE-*.**	IRE	_*	._**
	Type	Alphabetic letter indicating diagram code	Number of contacts
		a → x	2 → 12