



IECEX certificate:

EN

IECEX LCI 10.0027X

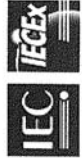
for CA 30x



Meggitt SA
Route de Moncor 4
PO Box 1616
CH - 1701 Fribourg
Switzerland

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IECEx Certificate
 of Conformity



Certificate No.: IECEx LCI 10.0027X
 Issue No.: 2
 Date of issue: 2011-12-23
 Page 2 of 4
 Manufacturer: **Meggitt SA**
 Route de Moncor 4
 1752 Villars-sur-Glâne
 Switzerland
 Manufacturing location(s):
Meggitt SA
 Route de Moncor 4
 1752 Villars-sur-Glâne
 Switzerland
 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 : 2007-10 Explosive atmospheres - Part 0: Equipment - General requirements
 Edition: 5
IEC 60079-15 : 2010 Explosive atmospheres - Part 15: Equipment protection by type of protection "n"
 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/LCI/EX/10.0024/00 FR/LCI/EX/10.0024/01 FR/LCI/EX/10.0024/02
 Quality Assessment Report: FR/LCI/OAR06.0006/00 FR/LCI/OAR06.0006/01 FR/LCI/OAR06.0006/04
 FR/LCI/OAR06.0006/03

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 LCI 10.0027X
 issue No.: 2
 Status: **Current**
 Date of issue: 2011-12-23
 Page 1 of 4
 Applicant: **Meggitt SA**
 Route de Moncor 4
 1752 Villars-sur-Glâne
 Switzerland
 Electrical Apparatus: **Accelerometer**
 Optional accessory:
 Type of Protection: **nA**
 Marking: **Vibro-meter or MEGGITT or MFR S3960**
 Address : ...
 Type : **PNR 144-30X-000-YYY**
 Serial number : ...
 Year of construction : ...
 Ex nA IIC T6 to T510°C Gc
 IECEx LCI 10.0027X
 Approved for issue on behalf of the IECEx: **Julien GAUTHIER**
 Certification Body:
 Position: **Certification Officer**
 Signature: *(Signature)*
 Date: **December 28, 2011**
 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.
 Certificate issued by:
Laboratoire Central des Industries Electriques (LCIE)
 33 Avenue du General Leclerc
 FR-92260 Fontenay-aux-Roses
 France



IECEX Certificate of Conformity

Certificate No.: IECEx LCI 10.0027X


Date of issue: 2011-12-23

Issue No.: 2

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DETAILS OF CERTIFICATE CHANGES (for issues 1 and above):

Normative update according to standards IEC 60079-0, Ed 5 and IEC 60079-15, Ed 4



IECEX Certificate of Conformity

Certificate No.: IECEx LCI 10.0027X

Date of issue: 2011-12-23

Issue No.: 2

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Schedule

EQUIPMENT:
Equipment and systems covered by this certificate are as follows:

This equipment is composed of an electromechanical transducer which delivers to an electrical load, connected to its terminal, a signal related to the measurement performed.
Specific parameters: U ≤ 30V, I ≤ 130mA, P ≤ 0,8W

CONDITIONS OF CERTIFICATION: YES as shown below:

Operating ambient temperature:
Sensor and cable : -54°C to +500°C;
Connector Lemo type 0 or equivalent: -65°C to +150°C;
Connector M83723/89Y1020 or equivalent: -65°C to +200°C;
Connector: VI standard temperature: -54°C to +260°C;
Connector: VI high temperature: -54°C to +500°C.
Temperature classification as a function of ambient temperature range:
T6 at Tamb. + 75°C; T5 at Tamb. + 90°C; T4 at Tamb. + 125°C; T3 at Tamb. + 190°C; T2 at Tamb. + 290°C;
T1 at Tamb. + 440°C;
T510°C at Tamb. +500°C.