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**IECEX certificate:**

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**IECEX LCI 10.0020X**



**for CA 901**

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

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## IECEX Certificate of Conformity

<p>Certificate No.: IECEX LCI 10.0020X</p> <p>Date of issue: 2011-12-23</p> <p>Manufacturer: <b>Meggitt SA</b> Route de Moncor 4 1752 Villars-sur-Glâne Switzerland</p> <p>Manufacturing location(s): <b>Meggitt SA</b> Route de Moncor 4 1752 Villars-sur-Glâne Switzerland</p>	<p>Issue No.: 2 Page 2 of 4</p> <p>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.</p> <p><b>STANDARDS:</b> 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:</p> <p><b>IEC 60079-0 : 2007-10</b> Explosive atmospheres - Part 0: Equipment - General requirements Edition: 5</p> <p><b>IEC 60079-15 : 2010</b> Explosive atmospheres - Part 15: Equipment protection by type of protection "n" Edition: 4</p> <p><i>This Certificate does not indicate compliance with electrical safety and performance requirements other than those expressly included in the Standards listed above.</i></p> <p><b>TEST &amp; ASSESSMENT REPORTS:</b> <i>A sample(s) of the equipment listed has successfully met the examination and test requirements as recorded in</i></p> <table border="0" style="width: 100%;"> <tr> <td style="width: 50%;">Test Report: FR/LC/IE/EXTR10.0022/00</td> <td style="width: 50%;">FR/LC/IE/EXTR10.0022/01</td> </tr> <tr> <td>Quality Assessment Report: FR/LC/IOAR06.0006/00</td> <td>FR/LC/IOAR06.0006/02</td> </tr> <tr> <td>FR/LC/IOAR06.0006/03</td> <td>FR/LC/IOAR06.0006/04</td> </tr> </table>	Test Report: FR/LC/IE/EXTR10.0022/00	FR/LC/IE/EXTR10.0022/01	Quality Assessment Report: FR/LC/IOAR06.0006/00	FR/LC/IOAR06.0006/02	FR/LC/IOAR06.0006/03	FR/LC/IOAR06.0006/04
Test Report: FR/LC/IE/EXTR10.0022/00	FR/LC/IE/EXTR10.0022/01						
Quality Assessment Report: FR/LC/IOAR06.0006/00	FR/LC/IOAR06.0006/02						
FR/LC/IOAR06.0006/03	FR/LC/IOAR06.0006/04						

## IECEX Certificate of Conformity

**INTERNATIONAL ELECTROTECHNICAL COMMISSION**  
**IEC Certification Scheme for Explosive Atmospheres**  
for rules and details of the IECEX Scheme visit [www.ieceex.com](http://www.ieceex.com)

<p>Certificate No.: IECEX LCI 10.0020X</p> <p>Status: Current</p> <p>Date of issue: 2011-12-23</p> <p>Applicant: <b>Meggitt SA</b> Route de Moncor 4 1752 Villars-sur-Glâne Switzerland</p> <p>Electrical Apparatus: Optional accessory: Accelerometer</p> <p>Type of Protection: nA</p> <p>Marking: Vibro-meter or MEGGITT or MFR S3960 Address : Type : PNE 144-901-000-XXX Serial number : Year of construction : EPR (CPTB) 10 T710°C Gc IECEX LCI 10.0020X</p> <p>Approved for issue on behalf of the IECEX Certification Body: Julien GAUTHIER</p> <p>Position: Certification Officer <i>(Signature)</i> Michel BRÉNON</p> <p>Signature: (for printed version)</p> <p>Date: December 23, 2011</p>	<p>Issue No.: 2 Page 1 of 4</p> <p>Certificate history: Issue No. 2 (2011-12-23) Issue No. 1 (2010-10-25) Issue No. 0 (2010-7-20)</p> <p>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.</p> <p>Certificate issued by: <b>Laboratoire Central des Industries Electriques (LCIE)</b> 33 Avenue du General Leclerc FR-92260 Fontenay-aux-Roses France</p> <div style="text-align: right;">  </div>
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## IECEX Certificate of Conformity

Certificate No.: IECEx LCI 10.0020X  
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 10.0020X  
Date of Issue: 2011-12-23

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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: -196°C to +700°C
- Connector Lemo type 0 or equivalent: -65°C to +150°C; Connector MB3723/89Y1020 or equivalent: -65°C to +200°C; Connector VM standard t: -54°C to +260°C; Connector VM high temperature : -196°C to +700°

Temperature classification in function of the operating temperature :

- T6 at Tamb. + 80°C; T5 at Tamb. + 95°C; T4 at Tamb. + 130°C;
- T3 at Tamb. + 195°C; T2 at Tamb. + 290°C; T1 at Tamb. + 440°C;
- T7/10°C at Tamb. - +700°C