



IECEEx certificate:

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IECEEx LCI 06.0008X

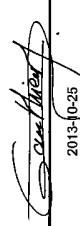
for CA 134



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 06.0008X	Issue No.:	3
Date of issue:	2013-10-25	Page	2 of 4
Manufacturer:	Meggitt SA Route de Moncor 4 1752 Villars-sur-Glâne Switzerland		
Additional 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 : 2011	Explosive atmospheres - Part 0: General requirements		
Edition: 6.0			
IEC 60079-11 : 2011	Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"		
Edition: 6.0			
<i>This Certificate does not indicate compliance with electrical safety and performance requirements other than those expressly included in the Standards listed above.</i>			
TEST & ASSESSMENT REPORTS: <i>A sample(s) of the equipment listed has successfully met the examination and test requirements as recorded in</i>			
Test Report:	FR/LCI/EXTR06.0012/01	FR/LCI/EXTR06.0012/02	
Quality Assessment Report:	FR/LCI/EXTR06.0012/00	FR/LCI/EXTR06.0012/03	
	FR/LCI/EXTR06.0012/00	FR/LCI/EXTR06.0012/01	
	FR/LCI/EXTR06.0012/03	FR/LCI/EXTR06.0012/02	
	FR/LCI/EXTR06.0012/00	FR/LCI/EXTR06.0012/01	
	FR/LCI/EXTR06.0012/03	FR/LCI/EXTR06.0012/02	

 		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 06.0008X	Issue No.:	3
Status:	Current	Page	1 of 4
Date of issue:	2013-10-25	Certificate history:	Issue No. 3 (2013-10-25) Issue No. 2 (2011-12-23) Issue No. 1 (2010-10-23) Issue No. 0 (2006-7-3)
Applicant:	Meggitt SA Route de Moncor 4 1752 Villars-sur-Glâne Switzerland		
Electrical Apparatus:	Accelerometer		
Optional accessory:			
Type of Protection:	ia		
Marking:	Vibro-meter or MEGGITT or MFR S3960 Address : ... PNR 144-134-000-XXX Serial Number : ... Year of construction : ... Ex ia IIC T8 to T1 or 310°C Ga IECEx LCI 06.0008X		
Approved for issue on behalf of the IECEx	Julien GAUTHIER		
Certification Body:	Certification Officer		
Signature:			
(for printed version)			
Date:	2013-10-25		
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-92280 Fontenay-aux-Roses France			
Documents relative to LCIE certification activities (Certificates, QARs, ExTRs) can be registered under the references "LCI" or "LCIE".			



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

Issue 1:

Normative update according to IEC 60079-11 Ed 5 standard
Change of legal entity name and address of applicant (VIBRO-METER SA becomes Meggitt SA)
Modifications of registered trade mark

Issue 2:

Normative update according to IEC 60079-0 Ed 5 standard

Issue 3:

Normative update according to IEC 60079-0 Ed 6.0 and IEC 60079-11 Ed 6.0 standards
Modification of the sensing part material of the sensor



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Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

DESCRIPTION

Accelerometer

(This sensor is electro mechanic transducer delivering at its terminal blocks an electrical load proportional to the measured pressure.
It works with piezoelectric equipment mounted in compression.

SPECIFIC PARAMETERS OF THE MODE OF PROTECTION "ia" :

Sensor : CI ≤ 1,2mT, LI = 0

Cable : CI ≤ 250pF/m, LI = 0

CONDITIONS OF CERTIFICATION: YES as shown below:

Electrical parameters of any IS certified equipment connected to the sensor shall not exceed the following values:
Linear source : UI ≤ 28V,II ≤ 100mA,PI ≤ 0,7W
Non linear source : UI ≤ 28V,II ≤ 25mA,PI ≤ 0,7W
-200°C ≤ Ta < +500°C
Temperature classification : T6 : Tamb < 80°C, T5 : Tamb < 95°C, T4 : Tamb < 130°C, T3 : Tamb < 195°C, T2 : Tamb < 290°C, T1 : Tamb < 440°C, 510°C : Tamb < 500°C.
The material shall only be connected to a certified (Ia) or (Ib) apparatus and this combination, taking account to the length of joining cable, shall be compatible as regards intrinsic safety.