



IECEx certificate:

EN

LCIE 13.0058X

for

VSV30x and VSB300



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

THIS PAGE INTENTIONALLY LEFT BLANK

IECEx Certificate
 of Conformity



Certificate No: IECEx LCIE 13.0058X Issue No: 2
 Date of Issue: 2018-06-12 Page 2 of 4
 Manufacturer: Meggit SA
 Route de Moncor 4
 1752 Villars-sur-Glâne
 Switzerland

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 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 Edition:6.0 Explosive atmospheres - Part 0: General requirements
- IEC 60079-15 : 2010 Edition:4 Explosive atmospheres - Part 15: Equipment protection by type of protection "n"

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/EXTR13.0053/000 FR/LCIE/EXTR13.0053/001 FR/LCIE/EXTR17.0064/000
 Quality Assessment Report: FR/LC/IOAR06.0006/11

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 13.0058X Issue No: 2 Certificate history:
 Issue No. 2 (2018-06-12)
 Issue No. 1 (2014-11-19)
 Issue No. 0 (2013-11-29)
 Status: Current Page 1 of 4

Date of Issue: 2018-06-12
 Applicant: Meggit SA
 Route de Moncor 4
 1752 Villars-sur-Glâne
 Switzerland

Equipment: VibroSmart - Type: V SX YYY

Optional accessory:

Type of Protection: Ex nA

Marking: Ex nA IIC T6...T4 Gc

Refer to attachment for full marking.

Approved for issue on behalf of the IECEx Certification Body: Julien GAUTHIER

Position: Certification Officer

Signature: (for printed version)



Date: 2018-06-12

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



IEC		IECEX		IECEX Certificate of Conformity	
Certificate No:	IECEX LCIE 13,0058X	Issue No:	2		
Date of Issue:	2018-06-12			Page 3 of 4	
		Schedule			
EQUIPMENT:	<i>Equipment and systems covered by this certificate are as follows:</i>				
	VibroSmart consists of modules for measuring vibration on rotating machinery.				
	The difference between the different models consists in a different FirmWare and different front plate.				
	Each systems is constituted by 2 parts :				
	<ol style="list-style-type: none"> 1. Common base VSB300. 2. Electronic module: <ul style="list-style-type: none"> • VSV 300. • VSV 301. • VSV 310. • VSP 300. 				
	Refer to attachment for full description.				
	SPECIFIC CONDITIONS OF USE: YES as shown below.				
	<ol style="list-style-type: none"> a. The electrical parameters of power supply can be connected to the equipment must not exceed the following values : U ≤ 32 V ; I ≤ 625 mA ; P ≤ 10 W. b. The equipment shall only be used in an area of at least pollution degree 2, as defined in IEC 60664-1 standard. c. The final enclosure must bear the following warning marking: "Do not replace the electronic modules when an explosive atmosphere is present". d. For final installation, the VibroSmart must be connected in compliance with standard IEC 60079-14 requirements, providing and maintaining an enclosure with minimum ingress protection of IP54. e. Transient protection shall be provided that is set at a level not exceeding 140 % of the peak rated voltage value at the supply terminals to the equipment. f. Temperatures table (Refer to attachment). 				

IEC		IECEX		IECEX Certificate of Conformity	
Certificate No:	IECEX LCIE 13,0058X	Issue No:	2		
Date of Issue:	2018-06-12			Page 4 of 4	
	DETAILS OF CERTIFICATE CHANGES (for issues 1 and above):				
Initial Issue:	Initial issue according to following IEC 60079-0 Ed 6.0 and IEC 60079-15 Ed.4.0 standards.				
Issue 01:	Modification of type.				
Issue 02:	<ul style="list-style-type: none"> • Addition of VSV 301 module. • Modification of power supply module. 				
Annex:	Annex_01_IECEX LCIE 130058X issue 02.pdf				

THIS PAGE INTENTIONALLY LEFT BLANK