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 16.0014X	Issue No: 0	Certificate history: Issue No. 0 (2016-06-03)
Status:	**Current**	Page 1 of 3	
Date of Issue:	**2016-06-03**		

Applicant: **SIB - Schlemmer Industry & Building Parts**
25 Rue Théophile Somborn
57 220 BOULAY
France

Equipment: **Cable glands CM type EC x & WADI-TEC ECEA GSE type EEX e**

Optional accessory:

Type of Protection: **Ex e, Ex tb**

Marking:

Ex eb IIC

Ex tb IIIC

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

Position: Ex Certification Officer

Signature:
(for printed version)

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.

Certificate issued by:

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

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Manufacturer: **SIB - Schlemmer Industry & Building Parts**
25 Rue Théophile Somborn
57 220 BOULAY
France

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 Edition:6.0	Explosive atmospheres - Part 0: General requirements
IEC 60079-31 : 2013 Edition:2	Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure "t"
IEC 60079-7 : 2006-07 Edition:4	Explosive atmospheres - Part 7: Equipment protection by increased safety "e"

*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/ExTR16.0021/00

Quality Assessment Report:

FR/LCI/QAR10.0003/07

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Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

The cable glands CE type EC x and WADI TEC ECEA GSE type EEX e are intended to mount on “e” increased safety enclosure with plain or threaded entry. In the case of a plain entry a lock nut must be used. They guarantee IP64. Sealing is provided by a flat seal and a gasket for the EC x type and by an O-ring and a gasket in EEX e type. The cable glands are the following:

Cable gland	Type	Size	Implantation length (mm)	Clamping range (mm)	Material
CM	EC x	M20/M25	10, 12, 15	08 / 13	Brass, nickel plated brass or stainless steel
WADI-TEC ECEA GSE	EEX e	M20	13	08 / 12	Stainless steel

Complete marking

SIB - Schlemmer Industry & Building Parts
Address : …
Type : EEX e
Model: …
Serial number : …
Year of construction : …
Ex eb IIC
Ex tb IIIC
IECEx LCIE 16.0014X
$-20°C \leq T_{amb} \leq +80°C$

Reduced marking

SIB
Type : EEX e
Ex eb IIC
Ex tb IIIC

CONDITIONS OF CERTIFICATION: YES as shown below:

The user shall ensure adequate clamping of the cables efficient against pulling and twisting.